LEGISLATURE
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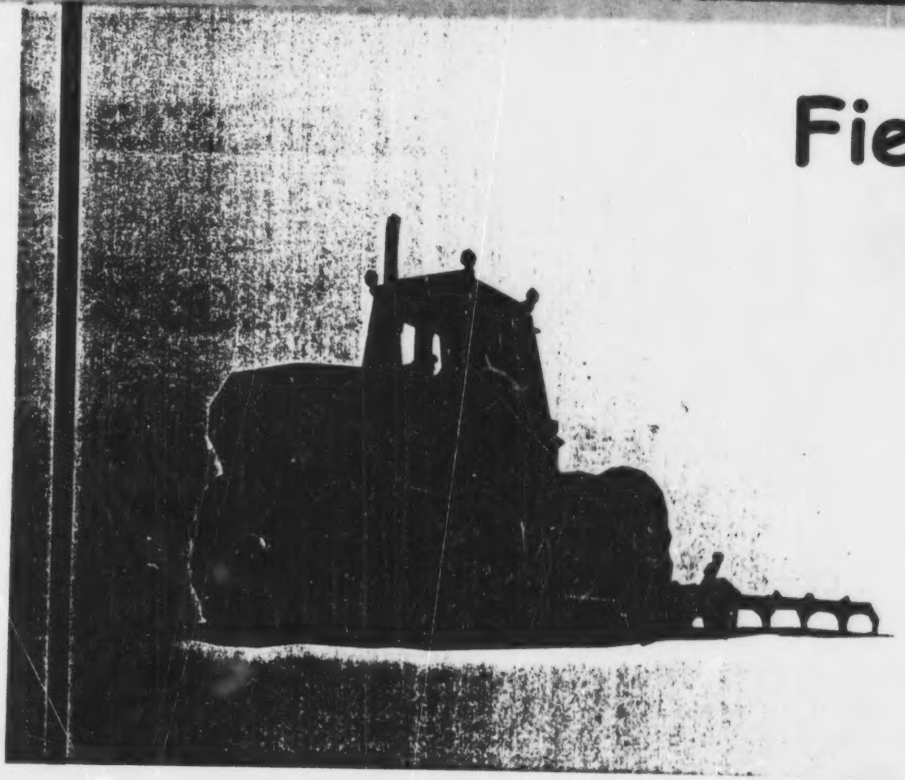
CUSTOM RATES SURVEY



Field Operations

Fall Report

2000

Alberta
AGRICULTURE, FOOD AND RURAL DEVELOPMENT
Statistics and Data Development Unit

PREFACE

The Custom Rates Survey is conducted for Alberta Agriculture, Food and Rural Development by the Department Statistics and Data Development Unit.

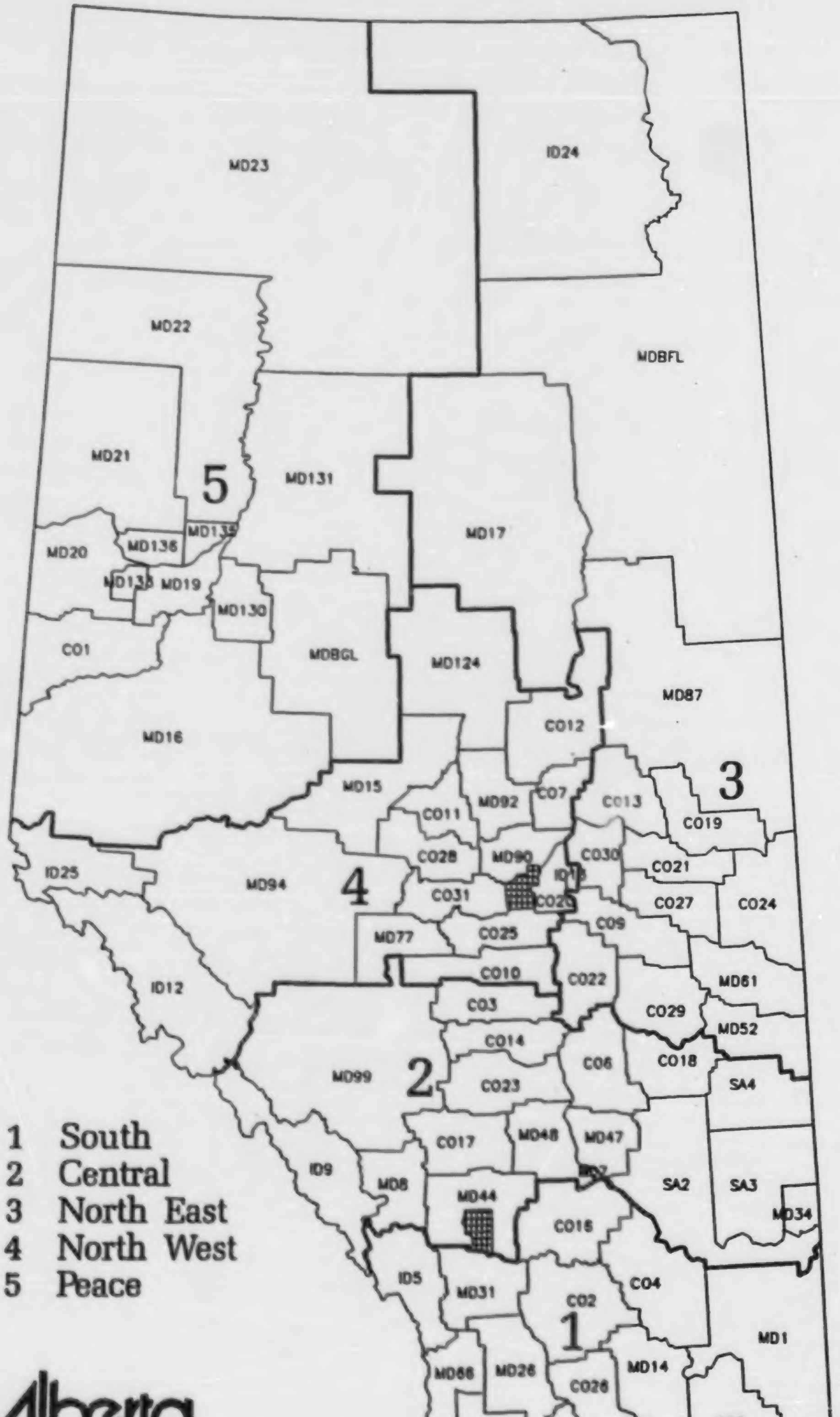
The data presented in this report was obtained by contacting custom operators and dealers and thus represent actual charges. Please note that some instances may be Good Neighbour Rates as opposed to Commercial Rates. The reader should be aware that varying conditions in different areas of the province can significantly affect the rates charged from year to year.

The intent of the survey is to provide producers with additional information to help with their farm management decisions. The quality of data is dependent on the cooperation received by producers as well as commercial custom operators. We would like to thank all those who willingly provided information for this report. If you are involved in any custom operations and have not been contacted, but wish to contribute please contact me.

In addition, the assistance of Marion Harry and Ken Faulkner of Alberta Agriculture, Food and Rural Development, is greatly appreciated.

Maureen Wenger, Survey Operations Manager
Statistics and Data Development Unit
Alberta Agriculture, Food and Rural Development
302, 7000 -113 Street
Edmonton, Alberta T6H 5T6
Phone: (780) 422-2903
Fax: (780) 427-5220
email: maureen.wenger@gov.ab.ca

1996 Municipalities and AAFRD Regions



Alberta
AGRICULTURE, FOOD AND RURAL DEVELOPMENT

LAND CLEARING OPERATIONS 2000

Region	County	Custom Charge*	Operation	Equipment	Rental Rate	Rate ac/hr	Notes
1	MD26	$200/hr	Brush & Mulch	PTO powered 210 horse Valmet 8750 2.5M Meri-pressure brusher with dual wheels all around for knocking down trees and mulching into field 8" down (stumps and all)			Knocks down 6-8" diameter trees or smaller and high speed rotary chews them up and mulches them into ground
1	2		Mowing	Rotary mower 6'	$135/day		Rental; or $95/half day
1	2		Mowing	Rotary mower 15'	$275/day		Rental; or $185/half day
1	2		Mowing	Rotary mower 26'	$350/ac		Rental; or $475/day
1	2		SS	Sub soiler 3 shank	$300/day		Rental; or $200/half day
1	2		SS	Sub soiler 5 shank	$400/day		Rental; or $250/half day
1	4		Mowing	Schulte Rotary Mower (26 ft) 150hp	$5.00/ac		Rental
1	16		Mowing	Schulte Rotary Mower (26 ft) 150hp	$5.00/ac		Rental
2	All Counties	$200/hr	Brush & Mulch	PTO powered 210 horse Valmet 8750 2.5M Meri-pressure brusher with duel wheels all around for knocking down trees and mulching into field 8" down (stumps and all)			Knocks down 6-8" diameter trees or smaller and high speed rotary chews them up and mulches them into ground
2	MD44		Mowing	Schulte Rotary Mower (26 ft) 150hp	$5.00/ac		Rental
2	SA2	$95/hr	BP/RP	Cat D7G		0.25 ac/hr	$1000 minimum; trucking equipment included
2	SA2	$120/hr	BP/RP	Cat D7G		0.25 ac/hr	Smaller jobs under $1000; trucking equipment extra

BP/RP - Brushing & Piling or Repiling RP - Repiling R - Ripping RK - Root raking SS - Subsoiling ac - acre hr - hour

* Custom costs include operator and are based on one pass per acre unless otherwise stated.

LAND CLEARING OPERATIONS 2000

Region	County	Custom Charge*	Operation	Equipment	Rental Rate	Rate ac/hr	Notes
2	SA4	$95/hr	BP/RP	Cat D7G		0.25 ac/hr	$1000 minimum; trucking equipment included
2	SA4	$120/hr	BP/RP	Cat D7G		0.25 ac/hr	Smaller jobs under $1000; trucking equipment extra
2	3	$130/hr	BP/RP	D8H Cat			Trucking of equipment to jobsite @ $120/hr; $250/job minimum
2	17	$85/hr	BP/RP	D6D Cat			
2	17	$95/hr	BP/RP	D7G Cat			
2	17	$120/hr	BP/RP	D8H or D8K Cat			
2	18	$95/hr	BP/RP	Cat D7G		0.25 ac/hr	$1000 minimum; trucking equipment included
2	18	$120/hr	BP/RP	Cat D7G		0.25 ac/hr	Smaller jobs under $1000; trucking equipment extra
2	23	$80/hr	BP/RP	D6C Cat			
2	23	$85/hr	BP/RP	D6D Cat			
2	23	$92/hr	BP/RP	D7F Cat with 13' blade		0.5ac/hr	Trucking of equipment extra
2	23	$120/hr	BP/RP	D8H Cat			
2	23	$140/hr	BP/RP	Faitalla crawler tractor		0.75ac/hr	Trucking of equipment extra
2	23	$165-220/ac	BP/RP	D8H Cat			

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LAND CLEARING OPERATIONS 2000

Region	County	Custom Charge*	Operation	Equipment	Rental Rate	Rate ac/hr	Notes
2	23	$185/ac	BP/RP	D7F Cat with 13' blade		0.5ac/hr	Trucking of equipment extra
2	23	$185/ac	BP/RP	Faitalla crawler tractor		0.75ac/hr	Trucking of equipment extra
2	23	$140/hr	R	Faitalla 30 rippe ·			Plus tip replacement at ~$140/tip; trucking extra
2	23	$145/hr	R	D8H Cat with 1 point Parallelogram ripper			Including teeth
2	23	$125/hr	SS	Steiger 4wd 360hp tractor, Kello 5 shank subsoiler			
3	All Counties	$200/hr	Brush & Mulch	PTO powered 210 horse Valmet 8750 2.5M Meri-pressure brusher with duel wheels all around for knocking down trees and mulching into field 8" down (stumps and all)			Knocks down 6-8" diameter trees or smaller and high speed rotary chews them up and mulches them into ground
3	MD52	$75/hr	BP/RP	International 208 power shift dozer			
3	MD52	$100/hr	BP/RP	D7G Cat with dozer blade			
3	24	$100/hr	BP/RP	Komatsu D85E			
3	29	$95/hr	BP/RP	Cat D7G		0.25 ac/hr	$1000 minimum; trucking equipment included
3	29	$120/hr	BP/RP	Cat D7G		0.25 ac/hr	Smaller jobs under $1000; trucking equipment extra
4	All Counties	$200/hr	Brush & Mulch	PTO powered 210 horse Valmet 8750 2.5M Meri-pressure brusher with duel wheels all around for knocking down trees and mulching into field 8" down (stumps and all)			Knocks down 6-8" diameter trees or smaller and high speed rotary chews them up and mulches them into ground

BP/RP - Brushing & Piling or Repiling RP - Repiling R - Ripping RK - Root raking SS - Subsoiling ac - acre hr - hour

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LAND CLEARING OPERATIONS 2000

Region	County	Custom Charge*	Operation	Equipment	Rental Rate	Rate ac/hr	Notes
4	Lac Ste Anne	$95/hr	BP/RP	D7E cat with dozer blade			
4	MD77	$90/hr	BP/RP	D7G Cat			Plus hauling time at same rate
4	MD77		Mowing	Rental of JD 7' wide brush mower	$60/day		Rental only; no operator
4	MD77	$55/hr	Mowing	Tractor FWA 100hp, Woods Bat-wing 10' wide brush mower			Light brushing of ditches, roadways or stubble
4	MD77	$65/hr	Mowing	JD FWA 65hp tractor, 5' wide brush mower			Light brushing of trees 4-5 inches in diameter at stump
4	MD92	$85/hr	BP/RP	D7G Cat			Trucking of equipment to jobsite at $85/hr; minimum 1 hour
4	MD92	$90/hr	BP/RP	Steiger Industrial wheeled 6-way dozer			Trucking of equipment to jobsite at $90/hr; minimum 1 hour
4	MD92	$100/hr	BP/RP	D7G Cat with 14' blade and brush rake blade (piler blade)			Trucking of equipment to jobsite at $100/hr; minimum 1 hour
4	MD92	$130/hr	BP/RP	D8K Cat			
4	MD92	$155-175/ac	BP/RP	D8K Cat			
4	MD92	$115/hr	R	D7G Cat with Parallelogram 3 shank ripper			Trucking of equipment to jobsite at $115/hr; minimum 1 hour

BP/RP - Brushing & Piling or Repiling RP - Repiling R - Ripping RK - Root raking SS - Subsoiling ac - acre hr - hour

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LAND CLEARING OPERATIONS 2000

Region	County	Custom Charge*	Operation	Equipment	Rental Rate	Rate ac/hr	Notes
4	MD92	$155/hr	R	D8K Cat with Cat 1 point ripper			
4	MD94	$95/hr	BP/RP	D6 Cat with 14' dozer blade			Light brushing - mostly repiling; Plus trucking of equipment to jobsite one way
4	MD94	$138/hr	BP/RP	D8H Cat with 16' dozer blade or brush rake blade (piler blade)			Plus trucking of equipment to jobsite one way
4	Parkland	$95/hr	BP/RP	D6 Cat with 14' dozer blade			Light brushing - mostly repiling; Plus trucking of equipment to jobsite one way
4	Parkland	$138/hr	BP/RP	D8H Cat with 16' dozer blade or brush rake blade (piler blade)			Plus trucking of equipment to jobsite one way
4	10	$65/hr	BP/RP	Cat 955 track loader			
4	10	$75/hr	BP/RP	Dresser 200 track loader			
4	11	$85/hr	BP/RP	D7G Cat			Trucking of equipment to jobsite at $85/hr; minimum 1 hour
4	11	$90/hr	BP/RP	Steiger Industrial wheeled 6-way dozer			Trucking of equipment to jobsite at $90/hr; minimum 1 hour
4	11	$100/hr	BP/RP	D7G Cat with 14' blade and brush rake blade (piler blade)			Trucking of equipment to jobsite at $100/hr; minimum 1 hour
4	11	$100/hr	BP/RP	D7G Cat			

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LAND CLEARING OPERATIONS 2000

Region	County	Custom Charge*	Operation	Equipment	Rental Rate	Rate ac/hr	Notes
4	11	$115/hr	R	D7G Cat with Parallelogram 3 shank ripper			Trucking of equipment to jobsite at $115/hr; minimum 1 hour
4	25	$110/hr	BP/RP	Terex 8240 dozer			
5	MD of Big Lakes	$150/hr	BP/RP	D8K cat with 18' cutter blade & 22' piler blade			Plus trucking of equipment to jobsite one way
5	MD of Big Lakes	$200/ac	BP/RP	D8K cat with 18' cutter blade & 22' piler blade			Plus trucking of equipment to jobsite one way
5	All Counties	$200/hr	Brush & Mulch	PTO powered 210 horse Valmet 8750 2.5M Meri-pressure brusher with duel wheels all around for knocking down trees and mulching into field 8" down (stumps and all)			Knocks down 6-8" diameter trees or smaller and high speed rotary chews them up and mulches them into ground

BP/RP - Brushing & Piling or Repiling RP - Repiling R - Ripping RK - Root raking SS - Subsoiling ac - acre hr - hour

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LAND BREAKING OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Notes
1	MD6	$110/hr	D	JD 8440 4wd 200hp tractor, Whisek 14' break disc		
1	2		D	Heavy disc 10' for breaking	$5.00/ac	Rental; minimum $250/day
1	2		DO/DR/LL	Land Scraper 550	$275/day	Rental; or $185/half day
1	2		DO/DR/LL	Land Scraper 550	$350/day	Rental; or $250/half day
1	2		LL	Landroller 14'	$1.50/ac	Rental; minimum $150/day
1	2		LL	Landroller 40'	$1.50/ac	Rental; minimum $320/day
1	2		Rock PK	Rock Digger	$150/day	Rental; or $100/half day
1	2		Rock RK	Rock Rake	$200/day	Rental; or $150/half day
1	2		Rock PK	Rock Picker conveyor type	$275/day	Rental; or $185/half day
1	4		D	Kello double disc (14ft) 26" blade, 150hp	$300/day	Rental
1	4		DO/DR/LL	Slough pump with 400 ft hose	$100/day	Rental; (24 hour period)
1	4		DO/DR/LL	Land Scraper Buggy (11 yards) 200hp - 4wd	$325/day	Rental
1	4		LL	Landroller (40ft) 100hp	$3.00/ac	Rental; Maximum $500/day
1	4		LL	Hay float with wagon	$3.00/ac	Rental

D - Discing P - Plowing LL - Land Levelling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock Raking

JD - John Deere MF - Massey Ferguson IH - International NH - New Holland FWA - front wheel assist ac - acre hr - hour cuyd - cubic yard mi - mile

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LAND BREAKING OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Notes
1	4		Tractor	Case 2590 2wd 210hp tractor for rental	$45/hr	Rental
1	4		Tractor	Case-IH 9270 4wd 325hp tractor for rental	$85/hr	Rental
1	16		D	Kello double disc (14ft) 26" blade, 150hp	$300/day	Rental
1	16		DO/DR/LL	Slough pump with 400 ft hose	$100/day	Rental; (24 hour period)
1	16		DO/DR/LL	Land Scraper Buggy (11 yards) 200hp - 4wd	$325/day	Rental
1	16		LL	PT Land roller	$1.75/ac	Rental; minimum $375/day
1	16		LL	Landroller (40ft) 100hp	$3.00/ac	Rental; Maximum $500/day
1	16		LL	Hay float with wagon	$3.00/ac	Rental
1	16		Tractor	Case 2590 2wd 210hp tractor for rental	$45/hr	Rental
1	16		Tractor	Case-IH 9270 4wd 325hp tractor for rental	$85/hr	Rental
2	MD7		LL	PT Land roller	$1.75/ac	Rental; minimum $375/day
2	MD44		D	Kello double disc (14ft) 26" blade	$300/day	Rental
2	MD44		DO/DR/LL	Slough pump with 400 ft hose	$100/day	Rental; (24 hour period)
2	MD44		DO/DR/LL	Land Scraper Buggy (11 yards) 200hp - 4wd	$325/day	Rental

D - Discing P - Plowing LL - Land Levelling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock Raking

JD - John Deere MF - Massey Ferguson IH - International NH - New Holland FWA - front wheel assist ac - acre hr - hour cuyd - cubic yard mi - mile

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LAND BREAKING OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Notes
2	MD44		LL	PT Land roller	$1.75/ac	Rental; minimum 375/day
2	MD44		LL	PT Landroller (40ft) 100hp	$3.00/ac	Rental; Minimum $500/day
2	MD44		LL	PT Hay float with wagon	$3.00/ac	Rental
2	MD44		Tractor	Case 2590 2wd 210hp tractor for rental	$45/hr	Rental
2	MD44		Tractor	Case-IH 9270 4wd 325hp tractor for rental	$85/hr	Rental
2	MD48		LL	PT Land roller	$1.75/ac	Rental; minimum $375/day
2	SA2	$11/ac	D	Steiger 4wd 360hp tractor; 32' Kello 255 disc		For regrassing pasture; 12 ac/hr; usually does 2 passes at $11/ac each pass
2	SA2	$100/hr	D	Steiger 4wd 360hp tractor; 32' Kello 255 disc		For regrassing pasture; average 12 ac/hr; usually does 2 passes
2	SA2	$100/hr	D	Steiger 4wd 360hp tractor; 14' Kello heavy disc		Deep discing; 6 ac/hr; usually does 2 passes
2	SA2	$95/hr	DO	Cat D7G		
2	SA2	$90/hr	Feedlot landscaping	Tractor 300hp, Cat 70 scraper		
2	SA2	$90/hr	Feedlot landscaping	Champion 760 grader		
2	SA4	$11/ac	D	Steiger 4wd 360hp tractor; 32' kello 255 disc		For regrassing pasture; 12 ac/hr; usually does 2 passes at $11/ac each pass

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LAND BREAKING OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Notes
2	SA4	$100/hr	D	Steiger 4wd 360hp tractor; 32' kello 255 disc		For regrassing pasture; average 12 ac/hr; usually does 2 passes
2	SA4	$100/hr	D	Steiger 4wd 360hp tractor; 14' Kello heavy disc		Deep discing; 6 ac/hr; usually does 2 passes
2	SA4	$95/hr	DO	Cat D7G		
2	3	$75/hr	D	White 6195 FWA 220hp tractor, Kello 14' break disc		
2	3	$95/hr	D	White 6195 FWA 220hp tractor, International 22' break disc		
2	3	$125/hr	D	D8H Cat 300hp, 12' breaking disc with 32" blades		Average 3 acres/hour
2	3	$130/hr	DO/DR/LL	D8H Cat		Plus trucking of equipment at $120/hr; minimum $250/job
2	3	$90/hr	P	Steiger Bear Cat 4wd tractor, 7 bottom x 18" spacing plow		Average 3 acres/hour
2	17	$55/hr	DO/DR/LL	JD 310C backhoe		For water lines
2	17	$85/hr	DO/DR/LL	D6D Cat		
2	17	$95/hr	DO/DR/LL	D7G Cat		
2	17	$110/hr	DO/DR/LL	Cat 300 backhoe with 2.5yd bucket		Plus trucking of equipment
2	17	$120/hr	DO/DR/LL	D8H or D8K Cat		
2	17		LL	PT Land roller	$1.75/ac	Rental; minimum 375/day

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JD - John Deere MF - Massey Ferguson IH - International NH - New Holland FWA - front wheel assist ac - acre hr - hour cuyd - cubic yard mi - mile

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LAND BREAKING OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Notes
2	18	$11/ac	D	Steiger 4wd 360hp tractor; 32' Kello 255 disc		For regrassing pasture; 12 ac/hr; usually does 2 passes at $11/ac each pass
2	18	$100/hr	D	Steiger 4wd 360hp tractor; 32' Kello 255 disc		For regrassing pasture; average 12 ac/hr; usually does 2 passes
2	18	$100/hr	D	Steiger 4wd 360hp tractor; 14' Kello heavy disc		Deep discing; 6 ac/hr; usually does 2 passes
2	18	$95/hr	DO	Cat D7G		
2	23	$30/ac	D	Steiger 4wd 360hp tractor, 2 Kello 300 12' discs one behind the other		
2	23	$110/hr	D	Steiger 4wd 360hp tractor, 2 Kello 300 12' discs one behind the other		
2	23	$80/hr	DO/DR/LL	D6C Cat		
2	23	$85/hr	DO/DR/LL	D6D Cat		Plus trucking of equipment to jobsite one way
2	23	$100/hr	DO/DR/LL	JD 790 track hoe excavator		
2	23	$120/hr	DO/DR/LL	D8H Cat		
2	23		P	Kello 300 12' disc	$350/day	Rental only; no operator or tractor
2	23		P	Kello 400 10' break disc	$425/day	Rental only; no operator or tractor
2	23		P	Kello 500 10' break disc	$450/day	Rental only; no operator or tractor

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LAND BREAKING OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Notes
3	MD52	$75/hr	DO/DR/LL	International 20B power shift dozer		
3	MD52	$80/hr	DO/DR/LL	Bolaris Russian tractor with 12yd scraper		
3	MD52	$100/hr	DO/DR/LL	JD 790 track hoe		
3	24	$100/hr	DO/DR/LL	Komatsu D85E dozer		
3	29	$11/ac	D	Steiger 4wd 360hp tractor; 32' Kello 255 disc		For regrassing pasture; 12 ac/hr; usually does 2 passes at $11/ac each pass
3	29	$100/hr	D	Steiger 4wd 360hp tractor; 32' Kello 255 disc		For regrassing pasture; average 12 ac/hr; usually does 2 passes
3	29	$100/hr	D	Steiger 4wd 360hp tractor; 14' Kello heavy disc		Deep discing; 6 ac/hr; usually does 2 passes
3	29	$95/hr	DO	Cat D7G		
4	Lac Ste Anne	$50/hr*	Aerate	JD 4490 2wd 125hp tractor, Airway 16' aerator		*Plus fuel
4	Lac Ste Anne	$115-118/hr	DO	Cat 70 land scraper		
4	Lac Ste Anne	$130/hr	DO	Hitachi 300 - 3LC track hoe		Plus trucking of equipment at $130/hr; 1 hour minimum
4	Lac Ste Anne	$90/hr	DR	Dawson 220 track backhoe		For farm water lines or drainage ditches
4	Lac Ste Anne	$90/hr	DR	Case 580K rubber tire hoe with 1.5 yd bucket		For farm water lines or drainage ditches

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LAND BREAKING OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Notes
4	MD15	$65/hr	DO/DR/LL	Cat 416C wheel loader backhoe		
4	MD77	$90/hr	D	D7G Cat with 14' Whishek breaking disc		
4	MD77	$65/hr	DO/DR/LL	Cat 416C wheel loader backhoe		
4	MD77	$70/hr	DO/DR/LL	Cat D5C or Case 850D		Plus travel at $70/hour
4	MD77		R	3 point hitch heavy duty 5' wide rototiller	$95/day	Rental only; no operator or tractor
4	MD92	$70/hr	D	Steiger Bear Cat 4wd 225hp tractor, Hutchmaster 16' heavy duty offset disc		
4	MD92	$85/hr	D	D7G Cat crawler with Hutchmaster 16' heavy duty offset disc		
4	MD92	$105/hr	D	Steiger Industrial wheel loader; Ezee-On 14' breaking disc with 35" blades		
4	MD92	$85/hr	DO/DR/LL	D7G Cat		Trucking of equipment at $85/hr; 1 hour minimum
4	MD92	$100/hr	DO/DR/LL	D7G Cat		Trucking of equipment at $100/hr; 1 hour minimum
4	MD92	$105/hr	DO/DR/LL	Terex 14-17 yd scraper		
4	MD92	$130/hr	DO/DR/LL	D8K Cat		
4	MD92	$130/hr	DO/DR/LL	D8K Cat		
4	MD92	$155-175/ac	DO/DR/LL	D8K Cat		

D - Discing P - Plowing LL - Land Levelling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock Raking
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LAND BREAKING OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Notes
4	MD92	$70/hr	DR	Steiger Bear Cat 4wd 225hp tractor with Cat 8' hydraulic scraper		
4	MD92	$85/hr	DR	D7G Cat with Cat 8' hydraulic scraper		
4	MD92	$105/hr	P	Steiger Industrial wheel loader; Nortimer 2 bottom x 24" spacing break plow		
4	MD92	$60/hr	Tree Moving	Truck mounted tree spade 44" wide		
4	MD94	$80/hr	D	Case-IH FWA 170hp tractor, Ezee-On heavy duty 14' break disc		
4	MD94	$163/hr	D	D8 Cat crawler with Rome TRW 11' breaking disc		Average 3-5 acres/hour
4	MD94	$158/hr	DO	D8H Cat with 16' blade with D8 Hinge Ripper		
4	MD94	$65/hr	DO/DR/LL	Cat 416C wheel loader backhoe		
4	MD94	$95/hr	DO/DR/LL	D6 Cat		Plus trucking of equipment to jobsite one way
4	MD94	$138/hr	DO/DR/LL	D8H Cat		Plus trucking of equipment to jobsite one way
4	MD94	$90/hr	DR	Dawson 220 track backhoe		For farm water lines or drainage ditches
4	MD94	$90/hr	DR	Case 580K rubber tire hoe with 1.5 yd bucket		For farm water lines or drainage ditches

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LAND BREAKING OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Notes
4	MD94	$115/hr	P	D6 Cat crawler with 2 bottom x 24" spacing breaking plow		Average 1-1.5 acres/hour
4	Parkland	$163/hr	D	D8 Cat crawler with Rome TRW 11' breaking disc		Average 3-5 acres/hour
4	Parkland	$158/hr	DO	D8H Cat with 16' blade with D8 Hinge Ripper		
4	Parkland	$65/hr	DO/DR/LL	Cat 416C wheel loader backhoe		
4	Parkland	$95/hr	DO/DR/LL	D6 Cat		Plus trucking of equipment to jobsite one way
4	Parkland	$138/hr	DO/DR/LL	D8H Cat		Plus trucking of equipment to jobsite one way
4	Parkland	$90/hr	DR	Dawson 220 track backhoe		For farm water lines or drainage ditches
4	Parkland	$90/hr	DR	Case 580K rubber tire hoe with 1.5 yd bucket		For farm water lines or drainage ditches
4	Parkland	$115/hr	P	D6 Cat crawler with 2 bottom x 24" spacing breaking plow		Average 1-1.5 acres/hour
4	10	$65/hr	DO/DR/LL	Cat 955 track loader		
4	10	$75/hr	DO/DR/LL	Dresser 200 track loader		
4	11	$105/hr	D	Steiger Industrial wheel loader; Ezee-On 14' breaking disc with 35" blades		
4	11		DO/DR/LL	Rental of Leon 8.5 yd scraper	$200/day	Rental only; no operator
4	11	$100/hr	DO/DR/LL	Cat EL240 excavator		

D - Discing P - Plowing LL - Land Levelling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock Raking

JD - John Deere MF - Massey Ferguson IH - International NH - New Holland FWA - front wheel assist ac - acre hr - hour cuyd - cubic yard mi - mile

*** Custom costs include operator and are based on one pass per acre unless otherwise stated.**

LAND BREAKING OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Notes
4	11	$105/hr	DO/DR/LL	Terex 14-17 yd scraper		
4	11	$115/hr	DO/DR/LL	Hitachi EX300 excavator		
4	11	$105/hr	P	Steiger Industrial wheel loader; Nortimer 2 bottom x 24" spacing break plow		
4	25	$110/hr	DO/DR/LL	Terex 8240 dozer		
4	25	$200/hr	Land Forming	Cat 65D tractor, Cat 70 scraper equipped with lazer grade system		Includes extensive use of lazer grade system
4	25	$160/hr	Manure Lagoons and Drainage Systems	Cat 65D tractor, Cat 70 scraper equipped with lazer grade system		Includes less use of lazer grade system
5	MD of Big Lakes	$17-18/ac	D	D6D Cat with Amco-IH 10' breaking disc		
5	MD of Big Lakes	$150/hr	DO/DR/LL	D8K Cat		Plus trucking of equipment one way @ $150/hr
5	MD of Big Lakes	$70/hr	P	D6D Cat with Dika 2 bottom x 26" spacing break plow		
5	MD130	$80/hr	D	Steiger 4wd 250hp tractor; Kello 500 12' breaking disc		Average 4 acres/hour
5	MD130	$80/hr	DO/DR/LL	Steiger 4wd 250hp tractor; PT Ackland scraper (11 cu.yd)		
5	MD130	$55/ac	P	Steiger 4wd 250hp tractor; Dika 2 bottom breaking plow		Average 1.5 acres/hour
5	MD130	$75/hr	P	Steiger 4wd 250hp tractor; Dika 2 bottom breaking plow		Average 1.5 acres/hour

D - Discing P - Plowing LL - Land Levelling R - Rototilling DO - Dugouts DR - Drainage Rock PK - Rock picking Rock RK - Rock Raking
JD - John Deere MF - Massey Ferguson IH - International NH - New Holland ac - acre hr - hour cuyd - cubic yard mi - mile
* Custom costs include operator and are based on one pass per acre unless otherwise stated.

TILLAGE OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Land Type	Notes
1	MD6	$110/hr	D	JD 8440 4wd 200hp tractor, Whisek 14' break disc		P/H	
1	MD9	$6.00/ac	LR	FWA 110hp tractor, Land Roller 40' wide		C/S	
1	MD26	$10/ac	C	JD 4450 2wd 140hp tractor, 14' heavy duty breaking cultivator		P/H	Heavy cultivating - 2 passes
1	MD26	$4.50/ac	C & H	IH 5088 140hp tractor, Case 5600 27' field cultivator with harrows		C/S	Cultivate and harrow seed bed
1	MD26	$5.50/ac	C & H	IH 5088 140hp tractor, Case 5600 27' field cultivator with harrows and cold flow kit for anhydrous fertilizer		C/S	Cultivate and harrow seed bed and apply anhydrous fertilizer
1	MD26	$3.50/ac	H	JD 8640 275hp tractor, Dagelman 70' heavy harrows		C/S	
1	MD26	$3.50/ac	HP	JD 8640 275hp tractor, Flexicoil 70' harrow-packers		C/S	
1	MD26	$3.50/ac	Rod Weeder & Harrows	IH 5088 140hp tractor, 36' Morris B3-36 rod weeder and harrows		C/S	If needed after cultivating
1	MD31	$60/hr	D	Case 2wd 130hp tractor, MF 15' double disc		P/H or C/S	Smaller acreages
1	MD31	$60/hr	P	Case 2wd 130hp tractor, IH 15' field cultivator		P/H	Smaller acreages
1	2		Aerator	Pasture Aerator 12' width	$250/day		Rental; or $165/half day
1	2	$60/hr	D	Case 2wd 130hp tractor, MF 15' double disc		P/H or C/S	Smaller acreages

C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling
JD - John Deere AC - Allis Chalmers IH - International MF - Massey Ferguson NH - New Holland VERS - Versatile
P/H - Pasture/Hayland C/S - Crop/Summerfallow hr - hour ac - acre FWA - front wheel assist SP - self propelled PT - pull type
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TILLAGE OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Land Type	Notes
1	2		D	Heavy disc 26' wide	$5.00/ac		Rental; minimum $695/day
1	2		D	Heavy disc 14' wide	$5.00/ac		Rental; minimum $335/day or $225/half day
1	2		D	Heavy disc 20' wide	$5.00/ac		Rental; minimum $500/day
1	2		H	Heavy harrow 45' - 54' wide	$1.75/ac		Rental; minimum $380/day or $255/half day
1	2		H	Heavy harrow 55' - 64' wide	$1.75/ac		Rental; minimum $400/day
1	2		H	Heavy harrow 64' - 74' wide	$1.75/ac		Rental; minimum $450/day
1	2		H	Heavy harrow 36' wide	$1.75/ac		Rental; minimum $320/day
1	2		HP	Harrow packer 46' wide	$360/day		Rental; or $245/half day
1	2		LR	Landroller 14'	$1.50/ac		Rental; minimum $150/day
1	2		LR	Landroller 40'	$1.50/ac		Rental; minimum $320/day
1	2	$60/hr	P	Case 2wd 130hp tractor, IH 15' field cultivator		P/H	Smaller acreages
1	4		D	Kello double disc (14ft) 26" blade, 150hp	$300/day		Rental
1	4		LR	Landroller (40ft) 100hp	$3.00/ac		Rental; Maximum $500/day
1	4		LR	Hay float with wagon	$3.00/ac		Rental

C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling
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P/H - Pasture/Hayland C/S - Crop/Summerfallow hr - hour ac - acre FWA - front wheel assist SP - self propelled PT - pull type
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TILLAGE OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Land Type	Notes
1	4		Tractor	Case 2590 2wd 210hp tractor for rental	$45/hr		Rental
1	4		Tractor	Case-IH 9270 4wd 325hp tractor for rental	$85/hr		Rental
1	16	$60/hr	D	Case 2wd 130hp tractor, MF 15' double disc		P/H or C/S	Smaller acreages
1	16		D	Kello double disc (14ft) 26" blade, 150hp	$300/day		Rental
1	16		LR	PT Land roller	$1.75/ac		Rental; minimum $375/day
1	16		LR	Landroller (40ft) 100hp	$3.00/ac		Rental; Maximum $500/day
1	16		LR	Hay float with wagon	$3.00/ac		Rental
1	16	$60/hr	P	Case 2wd 130hp tractor, IH 15' field cultivator		P/H	Smaller acreages
1	16		Tractor	Case 2590 2wd 210hp tractor for rental	$45/hr		Rental
1	16		Tractor	Case-IH 9270 4wd 325hp tractor for rental	$85/hr		Rental
1	26	$6.00/ac	C	Case 9250 4wd 300hp tractor, Bourgault 880 heavy duty 40' cultivator with mounted harrow/packers and Valmar box		P/H	Heavy cultivating and applying granular herbicie
1	26	$6.00/ac	C	JD 4250 FWA 130hp tractor, Flexicoil 16' deep tillage chisel plow		C/S	Heavy cultivating and applying granular herbicie
1	26	$7.00/ac	C	Case 4894 4wd 300hp tractor, Morris 47' cultivator with harrows		C/S	Approximately 10 to 15 acres per hour.

C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling
JD - John Deere AC - Allis Chalmers IH - International MF - Massey Ferguson NH - New Holland VERS - Versatile
P/H - Pasture/Hayland C/S - Crop/Summerfallow hr - hour ac - acre FWA - front wheel assist SP - self propelled PT - pull type
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TILLAGE OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Land Type	Notes
1	26	$2.25/ac	HP	JD 4250 FWA 130hp tractor, Blanchard 50' harrow/packers		C/S	
2	MD7		LR	PT Land roller	$1.75/ac		Rental; minimum $375/day
2	MD44	$125/hr	C	Steiger 4wd 350hp tractor, Flexicoil 41' deep tillage cultivator		C/S	
2	MD44	$6.00-8.00/ac	D	Case 4490 4wd 180hp tractor, D.O.T. 25' disc		P/H	
2	MD44	$9.00/ac	D	Steiger 4wd 350hp tractor with JD 32' disc with air cart		C/S	
2	MD44	$60/hr	D	Case 2wd 130hp tractor, MF 15' double disc		P/H or C/S	Smaller acreages
2	MD44	$125/hr	D	Steiger 4wd 350hp tractor, JD 32' tandem disc		P/H or C/S	
2	MD44		D	Kello double disc (14ft) 26" blade, 150hp	$300/day		Rental
2	MD44	$9.00/ac	D & Seed	Steiger 4wd 350hp tractor with JD 32' disc with air cart		C/S	Discing and seeding grains in one operation
2	MD44	$10/ac	D, Seed & FA	Steiger 4wd 350hp tractor with JD 32' disc with air cart and liquid fertilizer applicator behind		C/S	Discing, seeding grains and applying liquid fertilizer in one operation
2	MD44	$105/hr	HP	JD 4250 FWA 135hp tractor, Flexicoil heavy duty 60' harrow-packers		C/S	

C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling
JD - John Deere AC - Allis Chalmers IH - International MF - Massey Ferguson NH - New Holland VERS - Versatile
P/H - Pasture/Hayland C/S - Crop/Summerfallow hr - hour ac - acre FWA - front wheel assist SP - self propelled PT - pull type
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TILLAGE OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Land Type	Notes
2	MD44		LR	PT Land roller	$1.75/ac		Rental; minimum $375/day
2	MD44		LR	PT Hay float with wagon	$3.00/ac		Rental
2	MD44		LR	PT Landroller (40ft) 100hp	$3.00/ac		Rental; Minimum $500/day
2	MD44	$30/ac	P	JD 4650 FWA 190hp tractor, Kvernland 6 bottom x 16" spacing moldboard plow		P/H	
2	MD44	$60/hr	P	Case 2wd 130hp tractor, IH 15' field cultivator		P/H	Smaller acreages
2	MD44	$105/hr	P	JD 4650 FWA 190hp tractor, Kvernland 6 bottom x 16" spacing moldboard plow		P/H	
2	MD44		Tractor	Case 2590 2wd 210hp tractor for rental	$45/hr		Rental
2	MD44		Tractor	Case-IH 9270 4wd 325hp tractor for rental	$85/hr		Rental
2	MD48	$60/hr	D	Case 2wd 130hp tractor, MF 15' double disc		P/H or C/S	Smaller acreages
2	MD48	$3.00/ac	HP	Case 9380 4wd 400hp tractor, Flexicoil 70' harrow/packers		C/S	
2	MD48		LR	PT Land roller	$1.75/ac		Rental; minimum $375/day
2	MD48	$60/hr	P	Case 2wd 130hp tractor, IH 15' field cultivator		P/H	Smaller acreages

C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling
JD - John Deere AC - Allis Chalmers IH - International MF - Massey Ferguson NH - New Holland VERS - Versatile
P/H - Pasture/Hayland C/S - Crop/Summerfallow hr - hour ac - acre FWA - front wheel assist SP - self propelled PT - pull type
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TILLAGE OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Land Type	Notes
2	SA2	$11/ac	D	Steiger 4wd 360hp tractor; 32' Kello 255 disc		P/H	For regrassing pasture; 12 ac/hr; usually does 2 passes at $11/ac each pass
2	SA2	$100/hr	D	Steiger 4wd 360hp tractor; 32' Kello 255 disc		P/H	For regrassing pasture; average 12 ac/hr; usually does 2 passes
2	SA2	$100/hr	D	Steiger 4wd 360hp tractor; 14' Kello heavy disc		C/S	Cropland or deep discing; 6 ac/hr; usually does 2 passes
3	SA3	$3.00/ac	H	JD 8960 4wd 400hp tractor, Riteway 55' heavy harrows			Done for straw management for direct seeding
2	SA4	$11/ac	D	Steiger 4wd 360hp tractor; 32' Kello 255 disc		P/H	For regrassing pasture; 12 ac/hr; usually does 2 passes at $11/ac each pass
2	SA4	$100/hr	D	Steiger 4wd 360hp tractor; 32' Kello 255 disc		P/H	For regrassing pasture; average 12 ac/hr; usually does 2 passes
2	SA4	$100/hr	D	Steiger 4wd 360hp tractor; 14' Kello heavy disc		C/S	Cropland or deep discing; 6 ac/hr; usually does 2 passes
2	3	$75/hr	D	White 6195 FWA 220hp tractor, Kello 14' breaking disc		P/H	
2	3	$95/hr	D	White 6195 FWA 220hp tractor, International 22' breaking disc		P/H	
2	3	$90/hr	P	Steiger Bear Cat 4wd tractor, 7 bottom x 18" spacing plow		P/H	Averages 3 acres/hour
2	6	$7.50/ac	C	JD 7700 FWA 135hp tractor, White 25' field cultivator		C/S	
2	6	$55/hr	D	JD 7700 FWA 135hp tractor, Kello 12' offset disc		P/H	

C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling
JD - John Deere AC - Allis Chalmers IH - International MF - Massey Ferguson NH - New Holland VERS - Versatile
P/H - Pasture/Hayland C/S - Crop/Summerfallow hr - hour ac - acre FWA - front wheel assist SP - self propelled PT - pull type
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TILLAGE OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Land Type	Notes
2	17	$7.50/ac	C	Ford 4wd tractor, Morris 35' deep tillage cultivator with (1' shanks)		C/S	
2	17		LR	PT Land roller	$1.75/ac		Rental; minimum $375/day
2	18	$11/ac	D	Steiger 4wd 360hp tractor; 32' kello 255 disc		P/H	For regrassing pasture; 12 ac/hr; usually does 2 passes at $11/ac each pass
2	18	$100/hr	D	Steiger 4wd 360hp tractor; 32' kello 255 disc		P/H	For regrassing pasture; average 12 ac/hr; usually does 2 passes
2	18	$100/hr	D	Steiger 4wd 360hp tractor; 14' Kello heavy disc		C/S	Cropland or deep discing; 6 ac/hr; usually does 2 passes
2	23	$5.00/ac	C	JD 7800 145hp tractor; JD 1600 27' deep tillage cultivator		C/S	
2	23	$5.00/ac	C	JD 7800 145hp tractor; IH 645 27' field cultivator		C/S	
2	23	$7.50/ac	C	Ford 4wd tractor, Morris 35' deep tillage cultivator (1' shanks)		C/S	
2	23	$6.00/ac	D	JD 7800 145hp tractor; JD 630 22' disc		C/S	
2	23	$30/ac	D	Steiger 4wd 360hp tractor, 2 Kello 300 12' discs one behind the other		P/H or C/S	
2	23	$110/hr	D	Steiger 4wd 360hp tractor, 2 Kello 300 12' discs one behind the other		P/H or C/S	

C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling
JD - John Deere AC - Allis Chalmers IH - International MF - Massey Ferguson NH - New Holland VERS - Versatile
P/H - Pasture/Hayland C/S - Crop/Summerfallow hr - hour ac - acre FWA - front wheel assist SP - self propelled PT - pull type
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TILLAGE OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Land Type	Notes
2	23		P	Kello 300 12' disc	$350/day	P/H or C/S	Rental only; no operator or tractor
2	23		P	Kello 400 10' break disc	$425/day	P/H or C/S	Rental only; no operator or tractor
2	23		P	Kello 500 10' break disc	$450/day	P/H or C/S	Rental only; no operator or tractor
2	23	$125/hr	SS	Steiger 4wd 360hp tractor, Kello 5 shank subsoiler		P/H or C/S	
3	MD52	$3.00/ac	H	JD 8960 4wd 400hp tractor, Riteway 55' heavy harrows			Done for straw management for direct seeding
3	29	$11/ac	D	Steiger 4wd 360hp tractor; 32' Kello 255 disc		P/H	For regrassing pasture; 12 ac/hr; usually does 2 passes at $11/ac each pass
3	29	$100/hr	D	Steiger 4wd 360hp tractor; 32' Kello 255 disc		P/H	For regrassing pasture; average 12 ac/hr; usually does 2 passes
3	29	$100/hr	D	Steiger 4wd 360hp tractor; 14' Kello heavy disc		C/S	Cropland or deep discing; 6 ac/hr; usually does 2 passes
3	29	$3.00/ac	H	JD 8960 4wd 400hp tractor, Riteway 55' heavy harrows			Done for straw management for direct seeding
3	30	$6.00/ac	C	JD 8650 4wd 275hp tractor, JD 1600 30' deep tillage solid-mount cultivator		C/S	Average 15 acres/hour; rate includes 2 passes
4	MD77	$85/hr	C	JD 7710 FWA 135hp tractor, International 16' deep tillage cultivator		P/H	

C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling
JD - John Deere AC - Allis Chalmers IH - International MF - Massey Ferguson NH - New Holland VERS - Versatile
P/H - Pasture/Hayland C/S - Crop/Summerfallow hr - hour ac - acre FWA - front wheel assist SP - self propelled PT - pull type
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TILLAGE OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Land Type	Notes
4	MD77	$85/hr	C	JD 7710 FWA 135hp tractor, International 18' field cultivator		C/S	
4	MD77	$85/hr	D	JD 7710 FWA 135hp tractor, JD 20' field disc		P/H	
4	MD77	$85/hr	D	JD 7710 FWA 135hp tractor, Ezee-On 12' breaking disc		P/H	
4	MD77	$85/hr	P	JD 7710 FWA 135hp tractor, International 6 bottom x 18" spacing plow		P/H mostly	
4	MD77	$100/hr	R	JD 7710 FWA 135hp tractor, 8' rototiller		P/H	
4	MD92	$85/hr	C	Case 4490 4wd 180hp tractor, Case 25' chisel plow		P/H	
4	MD92	$105/hr	D	Steiger Industrial wheel loader; Ezee-On 14' breaking disc with 35" blades		C/S & P/H	
4	MD92	$105/hr	P	Steiger Industrial wheel loader; Nortimer 2 bottom x 24" spacing break plow		C/S & P/H	
4	MD94	$80/hr	D	Case-IH FWA 170hp tractor, Ezee-On heavy duty 14' breaking disc		P/H	
4	Strathcona	$60/hr	C	AC 100hp tractor, Graham-Holme 13.5' deep tillage cultivator		P/H	
4	Strathcona	$60/hr	C	AC 100hp tractor, 21' Vibrashank field cultivator		C/S	
4	Strathcona	$60/hr	D	AC 100hp tractor, Kello 13.5' heavy disc		P/H	

C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling
JD - John Deere AC - Allis Chalmers IH - International MF - Massey Ferguson NH - New Holland VERS - Versatile
P/H - Pasture/Hayland C/S - Crop/Summerfallow hr - hour ac - acre FWA - front wheel assist SP - self propelled PT - pull type
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TILLAGE OPERATIONS 2000

Region	County	Custom Cost*	Operation	Equipment	Rental Rate	Land Type	Notes
4	Strathcona	$2.00/ac	H	JD 4555 155hp tractor, Dagelman 50' harrows			On no-till cropland
4	Strathcona	$50/hr	P	AC 100hp tractor, Case 4 bottom x 14" spacing moldboard plow		P/H	
4	11	$105/hr	D	Steiger Industrial wheel loader; Ezee-On 14' breaking disc with 35" blades		C/S & P/H	
4	11	$105/hr	P	Steiger Industrial wheel loader; Nortimer 2 bottom x 24" spacing break plow		C/S & P/H	
4	12	$9.00/ac	D	Steiger ST251 4wd 310hp tractor, Ezee-On 2600 29' disc			
5	MD of Big Lakes	$17-18/ac	D	D6D Cat with Amco-IH 10' breaking disc		P/H	
5	MD of Big Lakes	$70/hr	P	D6D Cat with Dika 2 bottom x 26" spacing breaking plow		P/H	

C - Cultivating D - Discing P - Plowing H - Harrowing HP - Harrow/packing R - Rototilling SS - Subsoiling LR - Land Rolling
JD - John Deere AC - Allis Chalmers IH - International MF - Massey Ferguson NH - New Holland VERS - Versatile
P/H - Pasture/Hayland C/S - Crop/Summerfallow hr - hour ac - acre FWA - front wheel assist SP - self propelled PT - pull type
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SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
1	MD1	$lab fees only	TM or hand held probe 0-12" depth	4 nutrients or with micro nutrients; lab fees only
1	MD1	28.00	TM or hand held probe 0-12" depth	Irrigated beets or potatoes; 4 nutrients; lab fees included; with purchase of product
1	MD1	37.00	Tm probe 0-12" depth	4 nutrients; lab fees included
1	MD1	38.00	TM or hand held probe 12-24" depth	Irrigated beets or potatoes; 4 nutrients; lab fees included; with purchase of product
1	MD1	50.00	TM or hand held probe 24-36" depth	Irrigated beets or potatoes; 4 nutrients; lab fees included; with purchase of product
1	MD1	60.00	Tm probe 0-12" depth	With micro nutrients; lab fees included
1	MD1	68.00-70.00	TM or hand held probe 36-48" depth	Irrigated beets or potatoes; With micro nutrients; lab fees included; with purchase of product
1	MD6	30.00	TM or hand held probe 0-12" depth	4 nutrients; lab fees included
1	MD6	40.00	TM probe 0-12" depth	4 nutrients; lab fees included
1	MD6	40.00-42.00	TM probe 0-16" depth	4 nutrients; lab fees included
1	MD6	45.00	TM and hand held probe 0-12" depth	4 nutrients; lab fees included
1	MD6	50.00	TM probe 12-24" depth	4 nutrients; lab fees included
1	MD6	50.00	TM or hand held probe 0-12" & 12-24" depth	4 nutrients; double depth; lab fees included
1	MD6	55.00	TM probe 0-12 & 12-24" depth	4 nutrients; double depth; lab fees included
1	MD6	60.00	TM probe 0-12 & 12-24" depth	With micro nutrients; double depth; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
1	MD6	65.00	TM and hand held probe 0-12" depth	With micro nutrients; lab fees included
1	MD6	80.00	TM or hand held probe 0-12" & 12-24" depth	With micro nutrients; double depth; lab fees included
1	MD14	$lab fees only	TM probe 0-48" depth	4 nutrients; 4 depths; sugar beets; lab fees only
1	MD14	28.00	TM or hand held probe 0-12" depth	Irrigated beets or potatoes; 4 nutrients; lab fees included; with purchase of product
1	MD14	30.00	TM or hand held probe 0-12" depth	4 nutrients; lab fees included
1	MD14	38.00	TM or hand held probe 12-24" depth	Irrigated beets or potatoes; 4 nutrients; lab fees included; with purchase of product
1	MD14	40.00	TM probe 0-12" depth	4 nutrients; lab fees included
1	MD14	42.50	TM probe 0-6", 6-12" or 12-24" depths	4 nutrients; lab fees included
1	MD14	47.50	TM probe 0-6", 6-12" or 12-24" depths	With micro nutrients; lab fees included
1	MD14	47.50	TM probe 24-48" depth	4 nutrients; sugar beets; lab fees included
1	MD14	50.00	TM or hand held probe 24-36" depth	Irrigated beets or potatoes; 4 nutrients; lab fees included; with purchase of product
1	MD14	50.00	TM or hand held probe 0-12" & 12-24" depth	4 nutrients; double depth; lab fees included
1	MD14	50.00	TM probe 12-24" depth	4 nutrients; lab fees included
1	MD14	52.50	TM probe 24-48" depth	With micro nutrients; sugar beets; lab fees included
1	MD14	55.00	TM probe 0-12 & 12-24" depth	4 nutrients; double depth; lab fees included
1	MD14	60.00	TM probe 0-12 & 12-24" depth	With micro nutrients; double depth; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
1	MD14	68.00-70.00	TM or hand held probe 36-48" depth	Irrigated beets or potatoes; With micro nutrients; lab fees included; with purchase of product
1	MD14	80.00	TM probe 0-24" depth	4 nutrients; double depth; lab fees included
1	MD14	80.00	TM or hand held probe 0-12" & 12-24" depth	With micro nutrients; double depth; lab fees included
1	MD14	100.00	TM probe 0-48" depth	4 nutrients; 4 depths; sugar beets; lab fees included
1	MD14	120.00	TM probe 0-24" depth	With micro nutrients; double depth; lab fees included
1	MD14	140.00	TM probe 0-48" depth	With micro nutrients; 4 depth; sugar beets; lab fees included
1	MD26	$lab fees only	TM probe 0-6" & 6-24" depth	4 nutrients; double depth; lab fees included
1	MD26	22.00	TM or hand held probe 0-12" depth	4 nutrients or with micro nutrients; LAB FEES EXTRA
1	MD26	25.00	TM or hand held probe 0-12" & 12-24" depth	4 nutrients or with micro nutrients; double depth; LAB FEES EXTRA
1	MD26	27.00	TM or hand held probe 0-36" depth	4 nutrients or with micro nutrients; triple depth; LAB FEES EXTRA
1	MD26	30.00	TM or hand held probe 0-48" depth	4 nutrients or with micro nutrients; sugar beets; LAB FEES EXTRA
1	MD26	35.00	TM probe 0-12" depth	4 nutrients; lab fees included
1	MD26	40.00	TM or hand held probe 0-6" depth	4 nutrients; lab fees included; 1st field; $25 additional fields
1	MD26	44.00	TM or hand held probe 0-6" depth	With micro nutrients; lab fees included; 1st field; $29 additional fields
1	MD26	45.00	TM and hand held probe 0-12" depth	4 nutrients; lab fees included
1	MD26	60.00	TM probe 0-12" depth	With micro nutrients; lab fees included
1	MD26	65.00	TM and hand held probe 0-12" depth	With micro nutrients; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
1	MD31	$lab fees only	TM prove 0-8" depth	4 nutrients or with micro nutrients; lab fees only
1	MD31	$lab fees only	TM or hand held probe 0-6" depth	With micro nutrients; lab fees only
1	MD31	30.00	TM or hand held probe 0-6" depth	4 nutrients; lab fees included
1	MD31	40.00	TM or hand held probe 0-6" depth	4 nutrients; lab fees included; 1st field; $25 additional fields
1	MD31	44.00	TM or hand held probe 0-6" depth	With micro nutrients; lab fees included; 1st field; $29 additional fields
1	2	$lab fees only	TM probe 0-24" depth	4 nutrients or with micro nutrients; double depth; lab fees only
1	2	$lab fees only	TM or hand held probe 0-6" depth	With micro nutrients; lab fees only
1	2	22.00	TM or hand held probe 0-12" depth	4 nutrients or with micro nutrients; LAB FEES EXTRA
1	2	25.00	TM or hand held probe 0-12" & 12-24" depth	4 nutrients or with micro nutrients; double depth; LAB FEES EXTRA
1	2	27.00	TM or hand held probe 0-36" depth	4 nutrients or with micro nutrients; triple depth; LAB FEES EXTRA
1	2	30.00	TM or hand held probe 0-48" depth	4 nutrients or with micro nutrients; sugar beets; LAB FEES EXTRA
1	2	30.00	TM or hand held probe 0-6" depth	4 nutrients; lab fees included
1	2	32.00	TM or hand held probe 0-6" depth	4 nutrients; lab fees included
1	2	37.50	TM or hand held probe 6-12" depth	4 nutrients; lab fees included
1	2	40.00	TM or hand held probe 0-6" depth	4 nutrients; lab fees included; 1st field; $25 additional fields
1	2	44.00	TM or hand held probe 0-6" depth	With micro nutrients; lab fees included; 1st field; $29 additional fields

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
1	2	49.50	TM or hand held probe 0-6" depth	With micro nutrients; lab fees included
1	2	54.50	TM or hand held probe 6-12" depth	With micro nutrients; lab fees included
1	2	71.00	TM or hand held probe 0-6" & 6-12" depth	With micro nutrients; double depth; lab fees included
1	4	$lab fees only	TM probe 0-6" and 6-12" depth	With micro nutrients; double depth; lab fees only
1	4	42.50	TM probe 0-6", 6-12" or 12-24" depths	4 nutrients; lab fees included
1	4	45.00	TM or hand held probe 0-12" depth	4 nutrients; lab fees included
1	4	47.50	TM probe 0-6", 6-12" or 12-24" depths	With micro nutrients; lab fees included
1	4	47.50	TM probe 24-48" depth	4 nutrients; sugar beets; lab fees included
1	4	52.50	TM probe 24-48" depth	With micro nutrients; sugar beets; lab fees included
1	4	60.00	TM or hand held probe 0-24" depth	4 nutrients; double depth; lab fees included
1	4	63.00	TM or hand held probe 0-12" depth	With micro nutrients; lab fees included
1	4	65.00	TM probe 0-6" and 12-24" depth	With micro nutrients; double depth; lab fees included
1	4	65.00	TM probe 0-6" depth	With micro nutrients; lab fees included
1	4	73.00	TM or hand held probe 0-24" depth	With micro nutrients; double depth; lab fees included
1	4	90.00-95.00	TM or hand held probe 0-36" depth	4 nutrients; 3 depths; sugar beets; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
1	5	$lab fees only	TM or hand held probe 0-12" or 12-24" depth	Free labour with purchase of product
1	5	22.00	TM or hand held probe 0-12" depth	4 nutrients or with micro nutrients; LAB FEES EXTRA
1	5	25.00	TM or hand held probe 0-12" & 12-24" depth	4 nutrients or with micro nutrients; double depth; LAB FEES EXTRA
1	5	27.00	TM or hand held probe 0-36" depth	4 nutrients or with micro nutrients; triple depth; LAB FEES EXTRA
1	5	30.00	TM or hand held probe 0-48" depth	4 nutrients or with micro nutrients; sugar beets; LAB FEES EXTRA
1	5	30.00	TM or hand held probe 0-12" depth	4 nutrients; lab fees included
1	5	40.00	TM probe 0-12" depth	4 nutrients; lab fees included
1	5	40.00	TM probe 0-12" depth	4 nutrients; lab fees included
1	5	50.00	TM or hand held probe 0-12" & 12-24" depth	4 nutrients; double depth; lab fees included
1	5	50.00	TM probe 12-24" depth	4 nutrients; lab fees included
1	5	55.00	TM probe 0-12 & 12-24" depth	4 nutrients; double depth; lab fees included
1	5	60.00	TM probe 0-12 & 12-24" depth	With micro nutrients; double depth; lab fees included
1	5	80.00	TM or hand held probe 0-12" & 12-24" depth	With micro nutrients; double depth; lab fees included
1	8	$lab fees only	TM or hand held probe 0-12" depth	4 nutrients or with micro nutrients; lab fees only
1	8	28.00	TM or hand held probe 0-12" depth	Irrigated beets or potatoes; 4 nutrients; lab fees included; with purchase of product
1	8	35.00	TM probe 0-12" depth	4 nutrients; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
1	8	37.00	Tm probe 0-12" depth	4 nutrients; lab fees included
1	8	38.00	TM or hand held probe 12-24" depth	Irrigated beets or potatoes; 4 nutrients; lab fees included; with purchase of product
1	8	40.00	TM probe 0-24" depth	4 nutrients; lab fees included
1	8	50.00	TM or hand held probe 24-36" depth	Irrigated beets or potatoes; 4 nutrients; lab fees included; with purchase of product
1	8	60.00	Tm probe 0-12" depth	With micro nutrients; lab fees included
1	8	68.00-70.00	TM or hand held probe 36-48" depth	Irrigated beets or potatoes; With micro nutrients; lab fees included; with purchase of product
1	16	$lab fees only	TM or hand held probe 0-6" or 0-12" depth	4 nutrients or with micro nutrients; lab fees only
1	16	$lab fees only	TM probe 0-6" depth	4 nutrients or with micro nutrients; lab fees only
1	16	$lab fees only	TM probe 0-6" and 6-12" depth	With micro nutrients; double depth; lab fees only
1	16	$lab fees only	TM or hand held probe 0-6" depth	With micro nutrients; lab fees only
1	16	30.00	TM or hand held probe 0-6" depth	4 nutrients; lab fees included
1	16	37.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
1	16	65.00	TM probe 0-6" depth	With micro nutrients; lab fees included
1	16	65.00	TM or hand held probe 0-12" depth	4 nutrients; lab fees included
1	16	67.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
1	26	$lab fees only	TM or hand held probe 0-12" depth	Lab fees only

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
1	26	22.00	TM or hand held probe 0-12" depth	4 nutrients or with micro nutrients; LAB FEES EXTRA
1	26	25.00	TM or hand held probe 0-12" & 12-24" depth	4 nutrients or with micro nutrients; double depth; LAB FEES EXTRA
1	26	27.00	TM or hand held probe 0-36" depth	4 nutrients or with micro nutrients; triple depth; LAB FEES EXTRA
1	26	30.00	TM or hand held probe 0-12" depth	4 nutrients; lab fees included
1	26	30.00	TM or hand held probe 0-48" depth	4 nutrients or with micro nutrients; sugar beets; LAB FEES EXTRA
1	26	35.00	TM probe 0-12" depth	4 nutrients; single depth; lab fees included
1	26	40.00	TM probe 0-12" depth	4 nutrients; lab fees included
1	26	40.00	TM probe 0-12" and 12-24" depth	4 nutrients; double depth; lab fees included
1	26	42.00	TM probe 0-12" depth	4 nutrients; lab fees included
1	26	50.00	TM probe 12-24" depth	4 nutrients; lab fees included
1	26	50.00	TM or hand held probe 0-12" & 12-24" depth	4 nutrients; double depth; lab fees included
1	26	55.00	TM probe 0-12 & 12-24" depth	4 nutrients; double depth; lab fees included
1	26	56.00	TM probe 0-12" depth	With micro nutrients; lab fees included
1	26	60.00	TM probe 48" depth	4 nutrients; sugar beets; lab fees included
1	26	60.00	TM probe 0-12 & 12-24" depth	With micro nutrients; double depth; lab fees included
1	26	80.00	TM or hand held probe 0-12" & 12-24" depth	With micro nutrients; double depth; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
2	Lacombe	$1.00/ac	Hand held probe 0-6" GPS coordinated	Plus lab fees
2	Lacombe	5.00	TM probe 0-6" depth	Plus lab fees
2	Lacombe	5.00	TM probe 0-6" or 0-12" depth	Plus lab fees
2	Lacombe	38.00	TM or hand held probe 0-6 depth	4 nutrients; lab fees included
2	Lacombe	40.00	TM probe 0-12" depth	4 nutrients; lab fees included
2	Lacombe	50.00	TM or hand held probe 0-6" depth	With micro nutrients; lab fees included
2	Lacombe	55.00	TM probe 0-12" depth	With micro nutrients; lab fees included
2	Lacombe	60.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
2	MD7	37.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
2	MD7	67.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
2	MD44	$lab fees only	Hand held probe 0-6" depth	Free labour with purchase of product
2	MD44	$lab fees only	TM probe 0-6" and 6-12" depth	With micro nutrients; double depth; lab fees only
2	MD44	$lab fees only	TM or hand held probe 0-6" depth	With micro nutrients; lab fees only
2	MD44	15.00	TM probe 6-12" depth	4 nutrients or with micro nutrients; plus lab fees
2	MD44	30.00	TM or hand held probe 0-6" depth	4 nutrients; lab fees included
2	MD44	37.00	Hand held probe 0-6" depth	4 nutrients; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
2	MD44	65.00	TM probe 0-6" depth	With micro nutrients; lab fees included
2	MD44	67.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
2	MD47	25.00	TM probe 0-12" depth	4 nutrients; PLUS lab fees
2	MD47	30.00	TM probe 0-12" depth	4 nutrients; lab fees included
2	MD47	50.00	TM probe 0-12" depth	With micro nutrients; lab fees included
2	MD48	$lab fees only	Hand held probe 0-6" depth	Free labour with purchase of product
2	MD48	10.00	Hand held probe 0-6" depth	Plus lab fees
2	MD48	37.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
2	MD48	45.00	Hand held probe 0-12" depth	4 nutrients; lab fees included
2	MD48	67.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
2	MD48	75.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
2	MD48	80.00	Hand held probe 0-6" depth	Per quarter section; with micro nutrients; lab fees included
2	MD99	35.00	TM or hand held probe 6-12" depth	4 nutrients; lab fees included
2	SA2	25.00	TM probe 0-12" depth	4 nutrients; PLUS lab fees

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
2	SA3	25.00	TM probe 0-12" depth	4 nutrients; PLUS lab fees
2	SA4	15.00	Hand held probe 0-12" depth	4 nutrients; PLUS lab fees
3	SA4	50.00	TM probe 0-6" depth	4 nutrients; lab fees included
3	SA4	65.00	TM probe 0-6" depth	With micro nutrients; lab fees included
2	3	35.00	TM probe 0-6" depth	4 nutrients; lab fees included
2	3	50.00	TM probe 0-6" depth	With micro nutrients; lab fees included
2	3	70.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included
2	6	44.00	TM probe 0-12" depth	With micro nutrients; lab fees included
2	17	$1.00/ac	Hand held probe 0-12" depth	4 nutrients; lab fees included
2	17	30.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
2	17	37.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
2	17	40.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
2	17	45.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
2	17	50.00	Hand held probe 0-6" & 6-12" depth	4 nutrients; double depth; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
2	17	60.00	TM or hand held probe 0-6" depth	With micro nutrients; lab fees included
2	17	65.00	Hand held probe 0-6" & 6-12" depth	With micro nutrients; double depth; lab fees included
2	17	67.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
2	17	75.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
2	17	75.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
2	23	$lab fees only	Hand held probe 0-6" depth	Free labour with purchase of product
2	23	35.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
2	23	38.00	TM or hand held probe 0-6" depth	4 nutrients; lab fees included
2	23	40.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
2	23	50.00	TM or hand held probe 0-6" depth	With micro nutrients; lab fees included
2	23	60.00	Hand held probe 0-6" or 6-12" depth	With micro nutrients; lab fees included
2	23	60.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
2	23	60.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
2	23	60.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
2	23	65.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
3	MD52	$lab fees only	Hand held probe 0-12" depth	Free labour with purchase of product
3	MD52	40.00	TM or hand held probe 0-12" depth	4 nutrients; lab fees included
3	MD52	50.00	Hand held probe 0-8" depth	With micro nutrients; lab fees included
3	MD52	50.00	TM probe 0-6" depth	4 nutrients; lab fees included
3	MD52	60.00	TM or hand held probe 0-12" depth	With micro nutrients; lab fees included
3	MD52	65.00	TM probe 0-6" depth	With micro nutrients; lab fees included
3	MD61	40.00	TM G.P.S. probe 0-6" or 0-12" depth	4 nutrients; lab fees included
3	MD61	50.00	TM G.P.S. probe 0-6" or 0-12" depth	With micro nutrients; lab fees included
3	MD87	30.00	Hand held probe 0-6" or 0-12" depth	4 nutrients; lab fees included; with purchase of product
3	MD87	45.00	TM probe 0-6" depth	4 nutrients; lab fees included
3	MD87	50.00	Hand held probe 0-6" or 0-12" depth	4 nutrients; lab fees included; WITHOUT purchase of product
3	MD87	50.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included; with purchase of product
3	MD87	60.00	TM probe 0-6" depth	With micro nutrients; lab fees included
3	MD87	75.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included; WITHOUT purchase of product
3	9	25.00	TM probe 0-6" depth	4 nutrients; lab fees included
3	9	30.00	Hand held probe 0-6" or 0-12" depth	4 nutrients; lab fees included; with purchase of product

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
3	9	35.00	TM probe 0-12" depth	4 nutrients; lab fees included
3	9	35.00	TM probe 0-6" depth	With micro nutrients; lab fees included
3	9	35.00	Hand held probe 0-12" depth	4 nutrients; lab fees included
3	9	40.00	TM or hand held G.P.S. probe; 0-6" depth	4 nutrients and organic; lab fees included
3	9	45.00	Hand held probe 0-12" depth	With micro nutrients; lab fees included
3	9	50.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included; with purchase of product
3	9	50.00	Hand held probe 0-6" or 0-12" depth	4 nutrients; lab fees included; WITHOUT purchase of product
3	9	52.00	TM or hand held G.P.S. probe; 0-6" depth	With micro nutrients; lab fees included
3	9	60.00	TM probe 0-12" depth	With micro nutrients; lab fees included
3	9	75.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included; WITHOUT purchase of product
3	13	35.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
3	13	45.00	TM probe 0-6" depth	4 nutrients; lab fees included
3	13	55.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
3	13	60.00	TM probe 0-6" depth	With micro nutrients; lab fees included
3	19	30.00	Hand held probe 0-6" or 0-12" depth	4 nutrients; lab fees included; with purchase of product
3	19	40.00	Hand held probe 0-6" depth	4 nutrients; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
3	19	45.00	TM probe 0-6" depth	4 nutrients; lab fees included
3	19	50.00	Hand held probe 0-6" or 0-12" depth	4 nutrients; lab fees included: WITHOUT purchase of product
3	19	50.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included: with purchase of product
3	19	55.00-65.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
3	19	60.00	TM probe 0-6" depth	With micro nutrients; lab fees included
3	19	75.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included; WITHOUT purchase of product
3	21	23.00	TM probe 0-6" depth	4 nutrients; lab fees included: with purchase of product
3	21	25.00	TM probe 0-6" depth	4 nutrients; lab fees included
3	21	33.00	TM probe 0-6" depth	With micro nutrients; lab fees included: with purchase of product
3	21	35.00	TM probe 0-6" depth	With micro nutrients; lab fees included
3	21	43.00	TM probe 0-6" depth	4 nutrients; lab fees included: without purchase of product
3	21	45.00	TM probe 0-6" depth	4 nutrients; lab fees included
3	21	53.00	TM probe 0-6" depth	With micro nutrients; lab fees included: without purchase of product
3	21	60.00	TM probe 0-6" depth	With micro nutrients; lab fees included
3	22	10.00	TM or hand held probe 0-12" depth	4 nutrients or with micro nutrients; PLUS lab fees
3	22	35.00	Hand held probe 0-12" depth	4 nutrients; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
3	22	40.00	TM probe 0-6" depth	4 nutrients; lab fees included
3	22	45.00	Hand held probe 0-12" depth	With micro nutrients; lab fees included
3	22	45.00	Hand held probe 0-12" depth	With micro nutrients; lab fees included
3	22	70.00	TM or hand held probe 0-12" depth	With micro nutrients; lab fees included
3	21	23.00	TM probe 0-6" depth	4 nutrients; lab fees included; with purchase of product
3	21	33.00	TM probe 0-6" depth	With micro nutrients; lab fees included; with purchase of product
3	24	40.00	TM probe 0-12" depth	4 nutrients; lab fees included
3	21	43.00	TM probe 0-6" depth	4 nutrients; lab fees included; without purchase of product
3	21	53.00	TM probe 0-6" depth	With micro nutrients; lab fees included; without purchase of product
3	24	80.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
3	27	25.00	TM probe 0-6" depth	4 nutrients; lab fees included
3	27	25.00	TM probe 0-6" depth	4 nutrients; lab fees included
3	27	35.00	TM probe 0-6" depth	With micro nutrients; lab fees included
3	29	30.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
3	29	35.00	Hand held probe 0-12" depth	4 nutrients; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
3	29	40.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
3	29	45.00	Hand held probe 0-12" depth	With micro nutrients; lab fees included
3	30	25.00	TM probe 0-6" depth	4 nutrients; lab fees included
3	30	30.00	Hand held probe 0-6" or 0-12" depth	4 nutrients; lab fees included; with purchase of product
3	30	35.00	TM probe 0-6" depth	With micro nutrients; lab fees included
3	30	50.00	Hand held probe 0-6" or 0-12" depth	4 nutrients; lab fees included; WITHOUT purchase of product
3	30	50.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included; with purchase of product
3	30	75.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included; WITHOUT purchase of product
4	Lac Ste Anne	35.00-40.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
4	Lac Ste Anne	38.00	Hand held probe 0-6" and/or 6-12" depth	4 nutrients; lab fees included; single or double depth
4	Lac Ste Anne	50.00	Hand held probe 0-6" and/or 6-12" depth	With micro nutrients; lab fees included; single or double depth
4	MD15	38.00	Hand held probe 0-6" and/or 6-12" depth	4 nutrients; lab fees included; single or double depth
4	MD15	50.00	Hand held probe 0-6" and/or 6-12" depth	With micro nutrients; lab fees included; single or double depth
4	MD90	8.00	TM probe 0-6" depth	4 nutrients or with micro nutrients; PLUS lab fees
4	MD90	10.00	TM probe 0-6" depth	4 nutrients or with micro nutrients; PLUS lab fees

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
4	MD90	30.00	Hand held probe 0-6" or 0-12" depth	4 nutrients; lab fees included; with purchase of product
4	MD90	35.00-40.00	Hand held probe 0-12" depth	4 nutrients; lab fees included
4	MD90	50.00	Hand held probe 0-6" or 0-12" depth	4 nutrients; lab fees included; WITHOUT purchase of product
4	MD90	50.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included; with purchase of product
4	MD90	75.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included; WITHOUT purchase of product
4	MD92	27.00	TM probe 0-6" depth	4 nutrients; lab fees included; with purchase of product
4	MD92	32.00	TM probe 0-6" depth	4 nutrients; lab fees included
4	MD92	35.00	TM probe 0-12" depth	4 nutrients; lab fees included
4	MD92	38.00	Hand held probe 0-6" and/or 6-12" depth	4 nutrients; lab fees included; single or double depth
4	MD92	45.00	TM probe 0-6" depth	With micro nutrients; lab fees included
4	MD92	45.00	TM probe 0-6" depth	With micro nutrients; lab fees included; with purchase of product
4	MD92	50.00	TM probe 0-12" depth	With micro nutrients; lab fees included
4	MD92	50.00	Hand held probe 0-6" and/or 6-12" depth	With micro nutrients; lab fees included; single or double depth
4	Parkland	10.00	TM probe 0-6" depth	4 nutrients or with micro nutrients; plus lab fees
4	Parkland	35.00-40.00	TM probe 0-6" depth	4 nutrients; lab fees included
4	Parkland	42.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included; with purchase of product

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
4	Strathcona	30.00	Hand held probe 0-6" or 0-12" depth	4 nutrients; lab fees included; with purchase of product
4	Strathcona	30.00-35.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
4	Strathcona	50.00	Hand held probe 0-6" or 0-12" depth	4 nutrients; lab fees included; WITHOUT purchase of product
4	Strathcona	50.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
4	Strathcona	50.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included; with purchase of product
4	Strathcona	75.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included; WITHOUT purchase of product
4	7	30.00	Hand held probe 0-6" or 0-12" depth	4 nutrients; lab fees included; with purchase of product
4	7	30.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
4	7	32.00	TM probe 0-6" depth	4 nutrients; lab fees included
4	7	45.00	TM probe 0-6" depth	With micro nutrients; lab fees included
4	7	50.00	Hand held probe 0-6" or 0-12" depth	4 nutrients; lab fees included; WITHOUT purchase of product
4	7	50.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included; with purchase of product
4	7	50.00	Hand held probe 0-6" & 6-12" depth	With micro nutrients; double depth; lab fees included
4	7	75.00	Hand held probe 0-6" or 0-12" depth	With micro nutrients; lab fees included; WITHOUT purchase of product
4	10	25.00	Hand held probe 0-6" depth	4 nutrients or with micro nutrients; PLUS lab fees

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
4	11	38.00	Hand held probe 0-6" and/or 6-12" depth	4 nutrients; lab fees included; single or double depth
4	11	40.00	Hand held G.P.S. probe 0-6" and 6-12" depth	4 nutrients; lab fees included; single or double depth
4	11	45.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
4	11	50.00	Hand held probe 0-6" and/or 6-12" depth	With micro nutrients; lab fees included; single or double depth
4	11	56.00	Hand held G.P.S. probe 0-6" and 6-12" depth	With micro nutrients; lab fees included; single or double depth
4	11	60.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
4	12	27.00	TM probe 0-6" depth	4 nutrients; lab fees included; with purchase of product
4	12	32.00	TM probe 0-6" depth	4 nutrients; lab fees included
4	12	45.00	TM probe 0-6" depth	With micro nutrients; lab fees included
4	12	45.00	TM probe 0-6" depth	With micro nutrients; lab fees included; with purchase of product
4	25	35.00-40.00	TM probe 0-6" depth	4 nutrients; lab fees included
5	MD16	32.00	Hand held probe 0-6" or 6-12" depth	4 nutrients; lab fees included
5	MD16	50.00	Hand held probe 0-6" or 6-12" depth	With micro nutrients; lab fees included
5	MD19	25.00	Hand held probe 0-6" or 0-12" or 0-24" depths	4 nutrients; lab fees only
5	MD19	35.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
5	MD19	55.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
5	MD20	25.00	Hand held probe 0-6" or 0-12" or 0-24" depths	4 nutrients; lab fees only
5	MD124	32.00	TM probe 0-6" depth	4 nutrients; lab fees included
5	MD124	45.00	TM probe 0-6" depth	With micro nutrients; lab fees included
5	MD130	23.00	Hand held probe 0-6" depth	4 nutrients; lab fees only
5	MD130	31.00	Hand held probe 0-6" depth	With micro nutrients; lab fees only
5	MD130	31.00	Hand held probe 0-16" depth	4 nutrients; lab fees only
5	MD130	35.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
5	MD130	45.00	Hand held probe 0-16" depth	With micro nutrients; lab fees only
5	MD130	55.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
5	MD131	35.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
5	MD131	55.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included
5	MD133	25.00	Hand held probe 0-6" or 0-12" or 0-24" depths	4 nutrients; lab fees only
5	MD133	32.00	Hand held probe 0-6" depth	4 nutrients; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

SOIL TESTING 2000

Region	County	Custom Cost ($/field)	Type of Applicator	Notes
5	MD133	32.00	Hand held probe 0-6" or 6-12" depth	4 nutrients; lab fees included
5	MD133	50.00	Hand held probe 0-6" or 6-12" depth	With micro nutrients; lab fees included
5	MD136	30.00-35.00	Hand held probe 0-6" depth	4 nutrients; lab fees included
5	1	32.00	Hand held probe 0-6" or 6-12" depth	4 nutrients; lab fees included
5	1	40.00	TM probe 0-12" depth	4 nutrients; lab fees included
5	1	50.00	Hand held probe 0-6" or 6-12" depth	With micro nutrients; lab fees included
5	1	55.00	Hand held probe 0-6" depth	With micro nutrients; lab fees included

SP - self-propelled PT - pull-type TM - truck mount FW - fixed wing JD - John Deere Vers - Versatile
fert - fertilizer herb - herbicide G- granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
1	MD1	3.50	Truck mounted Valmar	Forages or canola
1	MD1	2.50-3.50	Truck mounted Valmar floater	Forages; depending on location and number of acres
1	MD6	$2.25/ac Rental	Rental of Pt Valmar with 4' bar	For forage and fertilizer mixes; with purchase of product
1	MD6	3.50-4.00	Lor-al Floater with 60' boom	Canola or forages
1	MD6	4.75	Tyler floater with 60' boom	Forages; with purchase of product
1	MD6	5.00	Lor-al Floater with 60' boom	Canola or forages; with granular fertilizer
1	MD6	10.00	JD 8440 4wd 200hp tractor, JD 665 32' airseeder	Direct seeding cereals with or without granular fertilizer
1	MD9	10.00	Tractor, Bourgault 9200 with 325 tank and coil packers	Direct min-till seeding barley with granular fertilizer and packing
1	MD9	14.00	4wd 300hp tractor, Bourgault 40' airseeder	Direct min-till seeding cereals with granular fertilizer
1	MD14	3.50-4.00	Lor-al Floater with 60' boom	Canola or forages
1	MD14	4.50	Lor-al floater	Canola or forages; with granular fertilizer
1	MD14	4.50-5.00	Willmar airflow floater with 70' boom	Cereals, oilseeds or forages
1	MD14	5.00	Lor-al Floater with 60' boom	Canola or forages; with granular fertilizer
1	MD14	5.50	FW Thrush or Air Tractor aircraft	Within 4 miles; canola or forages; with granular fertilizer
1	MD14	6.50	Tractor 200hp; Edwards no-till hoe drill	Direct seeding pulses and cereals
1	MD14	7.00	FW Thrush or Air Tractor aircraft	Within 4 -8 miles; canola or forages; with granular fertilizer

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
1	MD14	7.50	Tractor 200hp; Edwards no-till hoe drill with liquid fertilizer applicator behind	Direct seeding pulses and cereals; with liquid fertilizer
1	MD14	9.50	FW Thrush or Air Tractor aircraft	Within 8 - 12 miles; canola or forages; with granular fertilizer
1	MD14	10.00	Tractor, Bourgault 41' air seeder	Direct seeding cereals
1	MD14	12.00	Tractor, Bourgault 41' air seeder	Direct seeding cereals; with granular fertilizer
1	MD26	$2.25/ac Rental	Rental of PT Valmar with 4' bar	For forage and fertilizer mixes; with purchase of products
1	MD26	4.00	Terrigator floater	Cereals, oilseeds or forages
1	MD26	4.50	Lor-al floater with 60' boom and 5 tonne tank	Cereals with forages, canola
1	MD26	4.50	Terrigator floater	Canola
1	MD26	4.75	Tyler floater with 60' boom	Forages with fertilizer; with purchase of product
1	MD26	5.00	TM Valmar floater	Forages or canola; with granular fertilizer OR herbicide; dual application
1	MD26	6.00	International 5088 140hp tractor International 7200 28' hoe drill	Seeding cereals
1	MD26	7.00	Tractor, IH 7200 28' hoe drill	Cereals
1	MD26	10.00	Tractor, Morris air seeder	Direct seeding cereals or canola; with granular fertilizer
1	MD26	10.00	JD 8850 4wd 400hp tractor, 53' Morris air seeder	Direct seeding with granular fertilizer
1	MD26	15.00	JD 8850 4wd 400hp tractor, 50' Morris air drill	Direct seeding with granular fertilizer and herbicide
1	MD26	$45/hr	Crop Advisory Service	OR $1.00/acre

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
1	MD31	4.00	Lor-al floater	Forages or canola; with granular fertilizer
1	MD31	4.00	Lor-al floater	Canola or forages, with granular fertilizer
1	MD31	4.50	Lor-al floater	Canola or forages; with granular fertilizer
1	MD31	4.50	Lor-al floater	Cereals, canola or forages; with granular fertilizer
1	MD31	4.50	Lor-al floater with 60' boom and 5 tonne tank	Cereals with forages, canola
1	MD31	4.75	Lor-al air-max floater with 60' boom	Cereals, canola or forages; with granular fertilizer
1	MD31	7.00	Tractor, IH 8500 45' air drill	Direct seeding cereals; with granular fertilizer
1	MD31	7.50	Tractor, JD hoe drill	Cereals; with granular fertilizer
1	MD31	9.00	Tractor, IH 8500 45' air drill	Direct seeding canola; with granular fertilizer
1	MD31	9.00	MF 4880 tractor, Morris Magnum 45' air drill	Direct min-till seeding cereals and oilseeds
1	MD31	10.00	Tractor, JD 9350 hoe drill	Cereals; with granular fertilizer
1	MD31	10.00	Tractor, 33' Case-IH 8500 air drill	Direct seeding cereals; with granular fertilizer
1	MD31	14.00	Tractor, JD 750 no-till drill	Direct seeding forages; over 100 acres; $400 minimum charge
1	MD31	15.00	Tractor, JD 750 no-till drill	Direct seeding forages; 50-100 acres; $400 minimum charge
1	MD31	16.00	Tractor, JD 750 no-till drill	Direct seeding forages; under 50 acres; $400 minimum charge
1	2	4.50	Lor-al floater	Oilseeds, grasses with granular fertilizer
1	2	4.50	Lor-al floater with 60' boom	Cereals, oilseeds or forages; with granular fertilizer

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
1	2	4.50	Lor-al floater with 60' boom and 5 tonne tank	Cereals with forages, canola
1	2	4.50	Lor-al floater	Cereals, oilseeds or forages; with granular fertilizer
1	2	4.50	Lor-al floater	Forages or canola; with granular fertilizer
1	2	4.75	Lor-al air-max floater with 60' boom	Cereals, canola or forages; with granular fertilizer
1	2	5.00	TM Valmar floater	Forages or canola; with granular fertilizer OR herbicide; dual application
1	2	6.00	Tractor, JD 1810 air seeder	Cereals
1	2	14.00	Tractor, JD 750 no-till drill	Direct seeding forages; over 100 acres; $400 minimum charge
1	2	15.00	Tractor, JD 750 no-till drill	Direct seeding forages; 50-100 acres; $400 minimum charge
1	2	16.00	Tractor, JD 750 no-till drill	Direct seeding forages; under 50 acres; $400 minimum charge
1	2	$45/hr	Crop Advisory Service	OR $1.00/acre
1	4	4.00	Tractor, JD 26' hoe drill	Cereals
1	4	4.50	Lor-al floater	Forages or canola
1	4	4.50	Lor-al floater	Canola
1	4	4.50-5.00	Lor-al or Ag-chem floater or TM Valmar (6 tonne tanks)	Canola or forages with granular fertilizer
1	4	4.50-5.00	Willmar airflow floater with 70' boom	Cereals, oilseeds or forages
1	4	5.00	FW Thrush or Air Tractor aircraft	Under 15 lbs application per acre
1	4	5.00	FW Thrush aircraft	Forages or oilseeds; with or w/o fertilizer (applied at 10lbs/ac)

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
1	4	5.50	FW Thrush or Air Tractor aircraft	Within 4 miles; canola or forages; with granular fertilizer
1	4	5.50	Tractor, JD 350 25' disc with JD 26' hoe drill	Cereals
1	4	5.50	Lor-al or Ag-chem floater	Wheat, barley or grass seed with grain
1	4	6.00	Terrigator floater	Forages or canola; with granular fertilizer
1	4	6.00	Steiger 9280 4wd 375hp tractor, Case 70' hoe drill	Cereals
1	4	7.00	FW Thrush or Air Tractor aircraft	Within 4 -8 miles; canola or forages; with granular fertilizer
1	4	8.00	Tractor, JD 30' hoe drill	Direct seeding cereals
1	4	9.00	Tractor, JD 30' hoe drill	Direct seeding cereals
1	4	9.50	FW Thrush or Air Tractor aircraft	Within 8 - 12 miles; canola or forages; with granular fertilizer
1	4	10.00	Tractor, Bourgault 62' air drill	Direct seeding cereals; with granular fertilizer
1	4	10.00	Tractor, Bourgault 62' air drill	Direct (one-pass) seeding cereals with granular fertilizer
1	4	12.00	Tractor, 28' Versatile 2200 drill	Direct seeding cereals
1	4	15.00	Cat Challenger with Bourgault 28' air seeder	Direct seeding cereals or oilseeds; with granular fertilizer
1	4	15.00	Tractor, Flexicoil 6000 air seeder	Direct seeding cereals or oilseeds; with granular fertilizer
1	4	15.00	Tractor, JD 750 no-till seeder	Good neighbor rate; one pass direct no-till; with granular fertilizer
1	4	15.00	MF 2705 2wd 120hp tractor, JD 750 direct seeder	Direct seeding canola; with granular fertilizer

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
1	5	3.50-4.00	Lor-al Floater with 60' boom	Forages or canola
1	5	4.00	Willmar spin spreader floater truck	Forages or canola
1	5	4.25	Willmar spin spreader floater truck	Forages or canola; with granular fertilizer or herbicide
1	5	5.00	Lor-al Floater with 60' boom	Canola or forages; with granular fertilizer
1	5	5.00	TM Valmar floater	Forages or canola; with granular fertilizer OR herbicide; dual application
1	5	$45/hr	Crop Advisory Service	OR $1.00/acre
1	8	2.50-3.50	Truck mounted Valmar floater	Forages; depending on location and number of acres
1	8	3.50	Truck mounted Valmar	Forages or canola
1	8	5.00	Lor-al floater	Forages or canola; with granular fertilizer
1	8	5.50	FW Thrush or Air Tractor aircraft	Within 4 miles; canola or forages; with granular fertilizer
1	8	7.00	FW Thrush or Air Tractor aircraft	Within 4 -8 miles; canola or forages; with granular fertilizer
1	8	9.50	FW Thrush or Air Tractor aircraft	Within 8 - 12 miles; canola or forages; with granular fertilizer
1	8	10.00	Tractor, Flexicoil air seeder	Direct seeding cereals or canola; with granular fertilizer
1	8	15.00	Cat Challenger with Bourgault 28' air seeder	Direct seeding cereals or canola; with granular fertilizer
1	16	$3.00/ac Rental	Pt Flexicoil airseeders 25' & 30' wide on cultivators	Rental only for seeding cereals, canola or forages

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
1	16	2.35	Valmar on 1 ton truck with 60' boom	Canola
1	16	4.00	Lor-al floater	Forages or canola; with granular fertilizer
1	16	4.00	Lor-al floater	Forages; with granular fertilizer
1	16	4.50	Lor-al floater	Forages or canola; with granular fertilizer and herbicide
1	16	4.50-5.00	Lor-al or Ag-chem floater or TM Valmar (6 tonne tanks)	Forages or canola; with granular fertilizer
1	16	4.75	Lor-al air-max floater with 60' boom	Cereals, canola or forages; with granular fertilizer
1	16	5.00	Lor-al floater with 60' boom	Cereal, canola or forages; with granular fertilizer
1	16	5.50	Lor-al or Ag-chem floater	Wheat, barley or grass seed with grain
1	16	6.00	Lor-al floater with 60' boom	Cereal, canola or forages; with granular fertilizer & herbicide
1	16	10.00	Tractor, Flexicoil air drill	Direct seeding cereals, oilseeds or pulses; with granular fertilizer
1	16	14.00	Tractor, JD 750 no-till drill	Direct seeding forages; over 100 acres; $400 minimum charge
1	16	15.00	Tractor, JD 750 no-till drill	Direct seeding forages; 50-100 acres; $400 minimum charge
1	16	16.00	Tractor, JD 750 no-till drill	Direct seeding forages; under 50 acres; $400 minimum charge
1	16	20.00	4wd tractor, JD 28' air seeder & FWA tractor, 40' harrow/packers	4 passes - seed, then harrow pack, deep banding fert, then harrow/pack; complete seeding
1	16	20.00	Tractor 4wd, JD 28' airseeder and Tractor FWA and 40' harrow/packers	4 passes; seed, harrow/pack, fertilizer and deep banding
1	16	40.00	Tractor 4wd, JD 28' airseeder and Tractor FWA and 40' harrow/packers, SP combine and tandem trucks	4 passes to seed in spring; seed, harrow/pack, fertilizer and deep banding; then harvest in fall - combine and haul to bin
1	26	3.50-4.00	Lor-al Floater with 60' boom	Canola or forages
1	26	4.50	Lor-al floater	Forages; with granular fertilizer

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator
fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
1	26	4.50	Lor-al floater	Forages or canola; with granular fertilizer
1	26	4.50	Lor-al floater	Forages or canola
1	26	5.00	TM Valmar floater	Forages or canola; with granular fertilizer OR herbicide; dual application
1	26	5.00	Lor-al Floater with 60' boom	Forages or canola; with granular fertilizer
1	26	5.00	Terrigator floater	Forages or canola; with granular fertilizer
1	26	5.00	Lor-al floater	Forages or canola; with granular fertilizer
1	26	5.50	Lor-al floater	Forages or canola; with granular fertilizer
1	26	6.00	Tractor, Case-IH 7200 hoe drill	Cereals
1	26	8.00	Versatile 835 tractor, Bourgault 5710 35' air drill	Direct seeding cereals, oilseeds or pulses; with granular fertilizer
1	26	10.00	Tractor, Bourgault 5710 air drill	Direct seeding cereals; with granular fertilizer
1	26	10.00	Tractor, Bourgault 35' air drill	Direct seeding cereals
1	26	12.00	Tractor, Bourgault 35' air drill	Direct seeding cereals; with granular fertilizer
1	26	$45/hr	Crop Advisory Service	OR $1.00/acre
2		10.00	Tractor, Conservapac zero-till air drill	Good neighbor rate; direct min-till seeding cereals; with granular and anhydrous fertilizer
2	Calgary	9.00-10.00	Tractor, 32' JD tandem air disc (modified)	Discing and seeding cereals or canola
2	Calgary	10.00	Tractor, Conservapac air drill	Direct no-till seeding cereals; with granular and anhydrous fertilizer
2	Calgary	10.00-12.00	Tractor, 32' JD tandem air disc (modified) with liquid fertilizer applicator	Discing and seeding cereals or canola; with liquid fertilizer

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
2	Calgary	115/hr	Tractor, 32' JD tandem air disc (modified)	Discing and seeding cereals or canola
2	Calgary	125/hr	Tractor, 32' JD tandem air disc (modified) with liquid fertilizer applicator	Discing and seeding cereals or canola; with liquid fertilizer
2	Lacombe	$2.50/ac Rental	Heavy duty 55' harrows with Valmar box	For canola seed with granular herbicide
2	Lacombe	3.75	Lor-al floater	Forages; with granular fertilizer
2	Lacombe	4.00	Tyler floater	Forages or canola; with granular fertilizer
2	Lacombe	4.25-4.50	Tyler floater with 60' boom	Plus $7/tonne to mix; Forages or canola; with granular fertilizer
2	Lacombe	4.50	Tyler floater	Forages or canola; with granular fertilizer
2	Lacombe	5.50-6.00	Terrigator floater with 6 tonne tank and 60' boom	Wheat, canola or forages
2	Lacombe	10.00	Tractor, Concorde airseeder on 21' cultivator	Direct seeding barley for silage
2	Lacombe	12.00	Tractor, 32' Harmon air drill 12" spacing, paired rows with cold flow kit	Direct no-till seeding cereals, oilseeds or pulses with anhydrous fertilizer
2	Lacombe	12.00-13.00	Tractor, 24' Harman no-till seeder with 8" spacing with paired rows	Direct no-till seeding cereals or oilseeds; with anhydrous fertilizer
2	Lacombe	13.00	Tractor, Concorde air drill	Direct seeding cereals with granular fertilizer
2	Lacombe	16.00	Tractor, 24' Harman no-till seeder with 8" spacing with paired rows	Direct no-till seeding on hay stubble; with anhydrous fertilizer
2	MD7	$3.00/ac Rental	Pt Flexicoil airseeders 25' & 30' wide on cultivators	Rental only for seeding cereals, canola or forages
2	MD7	2.35	Valmar on 1 ton truck with 60' boom	Canola
2	MD7	5.00	FW Cessna AG Wagon aircraft	Forages or canola; under 50 lbs.

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
2	MD7	5.00	Lor-al floater with 60' boom	Cereal, canola or forages; with granular fertilizer
2	MD7	6.00	Lor-al floater with 60' boom	Cereal, canola or forages; with granular fertilizer & herbicide
2	MD44	$2.00/ac Rental	Valmar cultivator 48' with shovels and harrows	Rental for seeding; dual application
2	MD44	$3.00/ac Rental	Pt Flexicoil airseeders 25' & 30' wide on cultivators	Rental only for seeding cereals, canola or forages
2	MD44	2.35	Valmar on 1 ton truck with 60' boom	Canola
2	MD44	4.50-5.00	Lor-al or Ag-chem floater or TM Valmar (6 tonne tanks)	Canola, forages with granular fertilizer
2	MD44	4.75	Lor-al air-max floater with 60' boom	Cereals, canola or forages; with granular fertilizer
2	MD44	5.00	Lor-al floater	Cereals
2	MD44	5.00	Valmar floater	Cereals; with granular fertilizer and herbicide
2	MD44	5.00	Lor-al floater	Cereals
2	MD44	5.00	Lor-al floater with 60' boom	Cereal, canola or forages; with granular fertilizer
2	MD44	5.50	Lor-al or Ag-chem floater	Wheat, barley or grass seed with grain
2	MD44	6.00	Lor-al floater with 60' boom	Cereal, canola or forages; with granular fertilizer & herbicide
2	MD44	7.00	Lor-al floater	Cereals or forages; with granular fertilizer
2	MD44	14.00	Tractor, JD 750 no-till drill	Direct seeding forages; over 100 acres; $400 minimum charge
2	MD44	15.00	Tractor, JD 750 no-till drill	Direct seeding forages; 50-100 acres; $400 minimum charge
2	MD44	16.00	Tractor, JD 750 no-till drill	Direct seeding forages; under 50 acres; $400 minimum charge

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
2	MD48	$3.00/ac Rental	Pt Flexicoil airseeders 25' & 30' wide on cultivators	Rental only for seeding cereals, canola or forages
2	MD48	2.35	Valmar on 1 ton truck with 60' boom	Canola
2	MD48	4.25	Lor-al floater	Forages or canola; with granular fertilizer
2	MD48	4.25-4.50	Tyler floater with 60' boom	Plus $7/tonne to mix; Forages or canola; with granular fertilizer
2	MD48	4.50	Lor-al floater	Cereals; with granular fertilizer
2	MD48	4.50	Lor-al floater with 50' boom	Cereals with forages
2	MD48	4.50	Tyler floater	Forages or canola
2	MD48	5.00	Terrigator floater	Cereals; with granular fertilizer
2	MD48	5.00	Lor-al floater with 60' boom	Cereal, canola or forages; with granular fertilizer
2	MD48	6.00	Lor-al floater with 60' boom	Cereal, canola or forages; with granular fertilizer & herbicide
2	MD48	10.00	Case-IH 9280 tractor, 47' Flexicoil cult with Flexicoil 2320 air seeder	With or without packers; direct seeding cereals or oilseeds
2	MD48	12.00	Case-IH 9380 4wd 400hp tractor, Flexicoil 820 47' cultivator with Flexicoil 3450 air seeder	Direct seeding cereals, oilseeds, forages or pulses; with granular fertilizer
2	MD48	12.00	Tractor, Flexicoil 820 cult with Flexicoil 2320 air seeder	Direct seeding cereals or oilseeds; with granular fertilizer
2	MD48	10.00	Tractor, 47' Flexicoil 820 cultivator with 50 series air cart tow between	Direct seeding cereals & pulses with granular fertilizer; with 2 compartment nurse truck included for hauling product
2	MD48	14.00	Tractor, JD 750 no-till drill	Direct seeding forages; over 100 acres; $400 minimum charge
2	MD48	15.00	Tractor, JD 750 no-till drill	Direct seeding forages; 50-100 acres; $400 minimum charge
2	MD48	16.00	Tractor, JD 750 no-till drill	Direct seeding forages; under 50 acres; $400 minimum charge
2	SA2	10.00	Steiger 360hp 4wd tractor, 40' Flexcoil 820 airseeder	Seeding cereals with granular fertilizer
2	SA2	10.00	Steiger 360hp 4wd tractor, 45' Flexicoil 5000 airseeder	Direct seeding with granular fertilizer

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator
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CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
2	SA3	5.00	Valmar applicator on Riteway 55' applicator	Seeding forages (pasture and hay)
2	SA3	12.00	Tractor, Morris Magnum air drill with 10' spacing	Seeding grasses
2	SA3	13.00	JD 9400 4wd 420hp on triples; Morris Magnum 55' air drill with 10" spacing for deep banding in paired rows	Seeding into cultivated soil; with granular and anhydrous fertilizer
2	SA3	15.00	JD 9400 4wd 420hp on triples; Morris Magnum 55' air drill with 10" spacing for deep banding in paired rows	Direct seed into standing stubble; with granular and anhydrous fertilizer
2	SA4	4.50	Ag-Chem Terrigator 1803 floater	Canola, forages, cereals; with granular fertilizer
2	SA4	8.50	Tractor, Bourgault air seeder	Cereals, oilseeds or forages; with or without granular fertilizer
2	SA4	10.00	Steiger 360hp 4wd tractor, 40' Flexcoil 820 airseeder	Seeding cereals with granular fertilizer
2	SA4	10.00	Steiger 360hp 4wd tractor, 45' Flexicoil 5000 airseeder	Direct seeding with granular fertilizer
2	3	4.00-5.00	PT Brillion 12' forage seeder	Forages; customer supplies tractor
2	3	4.25	Tyler floater	Cereals, oilseeds or forages
2	3	4.50	Tyler floater	Cereals, oilseeds or forages; with granular fertilizer
2	3	5.00*	PT 12' Brillion Grass Seeder	*Customer supplies tractor and fuel; seeding forages (hay or pasture)
2	6	4.25	Lor-al floater	Forages or canola
2	6	4.25-4.50	Tyler floater with 60' boom	Plus $7/tonne to mix; Forages or canola; with granular fertilizer
2	6	4.50	Lor-al floater	Forages or canola; with granular fertilizer
2	6	8.00	32' Morris cultivator with Flexicoil air seeder	Cereals

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CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
2	17	$3.00/ac Rental	Pt Flexicoil airseeders 25' & 30' wide on cultivators	Rental only for seeding cereals, canola or forages
2	17	2.35	Valmar on 1 ton truck with 60' boom	Canola
2	17	4.00	Tyler floater	Forages or canola
2	17	4.00	Lor-al floater	Canola
2	17	4.00	Terrigator floater	Cereals or canola
2	17	4.25	Tyler floater	Forages or canola
2	17	4.25-4.50	Tyler floater with 60' boom	Plus $7/tonne to mix; Forages or canola; with granular fertilizer
2	17	4.50	Lor-al floater with 50' boom	Cereals with forages
2	17	4.50	Terrigator floater	Forages or canola
2	17	4.75	Tyler floater	Forages or canola; with granular fertilizer
2	17	4.75	Terrigator floater	Forages or canola; with granular fertilizer
2	17	5.00	Terrigator or Tyler floater	Cereals, oilseeds or forages
2	17	5.00	Lor-al floater with 60' boom	Cereal, canola or forages; with granular fertilizer
2	17	6.00	Lor-al floater with 60' boom	Cereal, canola or forages; with granular fertilizer & herbicide
2	17	6.00	Terrigator floater	Canola; with granular fertilizer
2	17	6.00	Terrigator floater	Cereals, forages or canola; with granular fertilizer
2	17	6.00	Lor-al floater	Cereals or forages; with granular fertilizer

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fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
2	17	6.50	Terrigator floater with 80' boom and 6 tonne tank	Cereals, oilseeds or forages; with granular fertilizer
2	17	7.00	Terrigator floater	Cereals; with granular fertilizer
2	17	7.00	Tractor, JD 9350 30' seed drill	Cereals
2	17	10.00	Tractor, Bourgault 42' air seeder	One pass seeding barley with granular fertilizer
2	17	12.00	Tractor, 14' IH press drill	Direct seeding cereals or forages; with granular fertilizer
2	17	12.00	Tractor, Flexicoil 1620 31' air drill	Cereals; with granular fertilizer
2	18	7.50	Tractor, Flexicoil 40' air seeder	Cereals
2	18	8.50	Tractor, Flexicoil 40' air seeder	Cereals; with granular fertilizer
2	18	9.00	Tractor, Morris 35' air seeder	Peas
2	18	10.00	Steiger 360hp 4wd tractor, 40' Flexcoil 820 airseeder	Seeding cereals with granular fertilizer
2	18	10.00	Steiger 360hp 4wd tractor, 45' Flexicoil 5000 airseeder	Direct seeding with granular fertilizer
2	23	$2.50/ac Rental	Heavy duty 55' harrows with Valmar box	For canola seed with granular herbicide
2	23	4.00	Tyler floater	Cereals or forages; with granular fertilizer
2	23	4.25-4.50	Tyler floater with 60' boom	Plus $7/tonne to mix; Forages or canola; with granular fertilizer
2	23	4.50	Tyler floater	Cereals, oilseeds or forages
2	23	4.50	Lor-al floater	Forages or canola; with granular fertilizer

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CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
2	23	4.50-5.00	Terrigator floater	Forages or canola; with granular fertilizer
2	23	4.75	Terrigator floater	Forages or oilseeds; with granular fertilizer
2	23	4.75	Ag-Chem Terrigator floater with 60' boom	Forages with granular fertilizer
2	23	4.95	Lor-al floater	Forages or canola; with granular fertilizer
2	23	5.00	Lor-al or Terrigator floater	Forages or canola; with granular fertilizer
2	23	5.00	Titon 4375 floater	Forages or canola; with granular fertilizer
2	23	5.00	Ag-Chem Terrigator floater with 60' boom	Canola or forages
2	23	5.50	Ag-Chem Terrigator floater with 60' boom	Cereals with granular fertilizer
2	23	5.50-6.00	Terrigator floater with 6 tonne tank and 60' boom	Wheat, canola or forages
2	23	6.00	Tyler floater	Cereals, canola or forages; with granular fertilizer
2	23	8.00	Tractor, Bourgault air seeder	Cereals or oilseeds
2	23	8.00	Tractor, Wilrich 27' air seeder with mounted harrows only	Cereals; with or without granular fertilizer
2	23	10.00	Tractor, 40' Concorde air seeder	Cereals; with granular fertilizer
2	23	13.00	Tractor, 32' Harmon air drill 12" spacing; paired rows with cold flow kit	Direct no-till seeding cereals, oilseeds or pulses; with granular and anhydrous fertilizer
3	MD52	4.25	Lor-al or Terrigator floater	Canola; with granular fertilizer
3	MD52	4.50	Ag-Chem Terrigator 1803 floater	Canola, forages, cereals; with granular fertilizer
3	MD52	5.00	Valmar applicator on Riteway 55' applicator	Seeding forages (pasture and hay)
3	MD52	12.00	Tractor, Morris Magnum air drill with 10" spacing	Seeding grasses

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

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Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
3	MD52	13.00	JD 9400 4wd 420hp on triples; Morris Magnum 55' air drill with 10" spacing for deep banding in paired rows	Seeding into cultivated soil; with granular and anhydrous fertilizer
3	MD52	15.00	JD 9400 4wd 420hp on triples; Morris Magnum 55' air drill with 10" spacing for deep banding in paired rows	Direct seed into standing stubble; with granular and anhydrous fertilizer
3	MD61	7.50	Tractor, JD 655 air seeder	Cereals or pulses; with granular fertilizer
3	MD87	4.50	Terrigator floater	Cereals or canola
3	9	4.25	Lor-al floater with 60' boom & 6 tonne tank	Forages or oilseeds
3	9	4.50	Lor-al floater with 60' boom & 6 tonne tank	Forages or oilseeds; with granular fertilizer
3	9	4.50	Terrigator floater	Canola
3	9	5.00	Terrigator 1803 with air max 60' boom	Canola with granular fertilizer; with purchase of product
3	9	15.00	Tractor, Flexicoil air drill with on row packers	Direct min-till seeding cereals or oilseeds; with granular fertilizer
3	9	15.00	Cat Challenger 65C 280hp; Great Plains NT3010 no-till disc drill with (L) fertilizer	Including consultation in long-term conservation tillage; under 150 acres
3	9	15.00-16.00	Cat Challenger 55C 280hp crawler tractor; Concorde 4012 cultivator with air kit	Direct min-disturbance seeding with granular fertilizer
3	13	4.50	Terrigator floater	Cereals or canola
3	19	3.99	Terrigator floater	Cereals, oilseeds or forages
3	19	4.00	Mertz floater	Cereals, oilseeds or forages
3	19	4.24	Terrigator floater	Forages or canola; with granular fertilizer
3	19	4.50	Terrigator floater	Cereals or canola

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

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Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
3	19	13.00	Tractor, JD 590 hoe drill	Direct seeding cereals; with granular fertilizer
3	19	13.00	Tractor with JD 2350 hoe drill	Direct seeding cereals; with granular fertilizer
3	21	4.50	Terrigator floater	Cereals or canola
3	21	8.50	Tractor, Bourgault 5710 air drill	Direct seeding cereals or oilseeds; with granular fertilizer
3	22	Rental $1.00/ac	PT Valmar spreader	Rental for seeding forages
3	22	4.00	Lor-al floater	Forages or oilseeds
3	22	4.25	Lor-al floater with 60' boom & 6 tonne tank	Forages or oilseeds
3	22	4.50	Lor-al floater with 60' boom & 6 tonne tank	Forages or oilseeds; with granular fertilizer
3	22	4.50	Lor-al floater	Forages or oilseeds; with granular fertilizer
3	22	4.50	Terrigator floater	Forages or oilseeds
3	22	4.50	Lor-al floater	Forages or oilseeds; with granular fertilizer
3	22	4.75	Terrigator floater	Canola; with granular fertilizer
3	22	5.00	Terrigator floater	Forages or oilseeds; with granular fertilizer
3	22	5.50-6.00	Tractor, double disc press drill	Cereals
3	22	6.00	Tractor, double disc press drill	Cereals; with granular fertilizer
3	22	6.00	Terrigator floater	Cereals; with granular fertilizer
3	22	16.00	Tractor, Flexicoil 5000 air drill	Direct seeding cereals or oilseeds; with granular and anhydrous fertilizer

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CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
3	24	5.00	FW Thrush or Cessna 188B	Forages or canola
3	24	5.00	Lor-al floater	Forages or canola; with granular fertilizer
3	24	5.00	FW Grumann AG Cat or Thrush	Forages or canola
3	24	8.00	Tractor, Flexicoil air seeder	Seeding all crops; with granular fertilizer
3	24	9.00	Tractor, Flexicoil 820 air seeder	Seeding cereals with fertilizer; plus $3/ac for harrow/packing in separate operation
3	24	15.00	Tractor, Flexicoil air drill with on row packers	Direct min-till seeding cereals; with granular fertilizer
3	27	9.00-14.00	Tractor; Seed Hawk zero-till triple shute air hoe drill	Direct no-till seeding with fert (G) & (A); price depends on distance & acreage
3	27	10.50-11.00	Tractor; Flexcoil airseeder on 41' deep-tillage cultivator	Minimum till seeding all crops with fertilizer
3	27	14.00	Versatile 850 275hp tractor, Seed hawk double hoe drill	Direct no-till seeding with granular fertilizer
3	29	4.25	Lor-al floater with 60' boom & 6 tonne tank	Forages or oilseeds
3	29	4.50	Lor-al floater with 60' boom & 6 tonne tank	Forages or oilseeds; with granular fertilizer
3	29	5.00	FW Weatherly 620B aircraft	Oilseeds
3	29	5.00	FW Weatherly 620B aircraft	Forages; with granular fertilizer
3	29	5.00	Valmar applicator on Riteway 55' applicator	Seeding forages (pasture and hay)
3	29	10.00	Tractor, 56' Flexicoil air drill	Cereals
3	29	10.00	Tractor, Concorde air drill with spikes	Seeding any crop in pre-worked field
3	29	10.00	Steiger 360hp 4wd tractor, 40' Flexcoil 820 airseeder	Seeding cereals with granular fertilizer
3	29	10.00	Steiger 360hp 4wd tractor, 45' Flexicoil 5000 airseeder	Direct seeding with granular fertilizer

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CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
3	29	11.00	Tractor, 55' Flexicoil air seeder	Direct seeding cereals; with granular fertilizer
3	29	12.00	Tractor, Flexicoil 820 air seeder with packers	Cereals, canola with granular fertilizer and packing
3	29	12.00	Tractor, Flexicoil air drill	Seeding all crops with granular fertilizer
3	29	12.00	Tractor, Morris Magnum air drill with 10" spacing	Seeding grasses
3	29	12.00-13.00	Tractor, no-till seeder applies fert (G) with broadcast seed & anhydrous fert below seed on stubble	
3	29	12.00-14.00	Tractor, 56' Flexicoil air drill	Direct seeding cereals; with granular fertilizer
3	29	12.50	Tractor, Flexicoil air seeder	Direct seeding cereals or oilseeds; with granular fertilizer
3	29	13.00	JD 9400 4wd 420hp on triples; Morris Magnum 55' air drill with 10" spacing for deep banding in paired rows	Seeding into cultivated soil; with granular and anhydrous fertilizer
3	29	13.00-14.00	Tractor, Concorde air drill with Concorde 340bu air seeder & stealth knives 10" spacing & paired rows	With fertilizer banding unit
3	29	14.00	Tractor, 47' Concorde air drill with 10" spacing and paired rows with fertilizer banding unit	For direct no-till seeding with granular fertilizer
3	29	14.00	Tractor, Concorde air drill with Concorde tank	Direct seeding cereals or oilseeds; with granular fertilizer
3	29	14.00-15.00	Tractor, Concorde air drill with Concorde air seeder using Flexicoil stealth knives 10" spacing and paired rows	With fertilizer banding unit
3	29	15.00	JD 9400 4wd 420hp on triples; Morris Magnum 55' air drill with 10" spacing for deep banding in paired rows	Direct seed into standing stubble; with granular and anhydrous fertilizer
3	30	7.00	Tractor, Cultivator with JD air seeder	Cereals, oilseeds or pulses
3	30	7.50	JD 8650 4wd tractor, Flexicoil 32' air seeder with 20" spacing on shanks	Seeding with granular fertilizer
3	30	10.50-11.00	Tractor, Flexcoil airseeder on 41' deep-tillage cultivator	Minimum till seeding all crops with fertilizer

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Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
3	30	14.00	Tractor, Morris airseeder	Direct min-till seeding cereals or oilseeds; with granular fertilizer
3	30	15.00	Tractor, Morris airseeder	Direct seeding cereals, oilseeds or pulses, with granular fertilizer; includes trucks for hauling product
4	Lac Ste Anne	4.95	Ag-Chem Terrigator 1803 floater with 60' boom	Cereals, oilseeds or forages; with granular fertilizer
4	MD15	4.95	Ag-Chem Terrigator 1803 floater with 60' boom	Cereals, oilseeds or forages; with granular fertilizer
4	MD77	3.50	Terrigator floater	Forages or canola; with granular fertilizer
4	MD77	4.00-4.50	Terrigator floater	Forages, cereals or canola; with granular fertilizer
4	MD90	4.00	TM Willmar spin spreader	Forages or canola; with granular fertilizer
4	MD90	4.50	Terrigator floater	Forages or canola; with granular fertilizer
4	MD90	4.50	Terrigator floater	Forages or canola; with granular fertilizer
4	MD90	4.50	Terrigator Air-max floater	Forages or canola; with granular fertilizer
4	MD92	3.25	TM Tyler spin spreader	Canola or forages with granular fertilizer and herbicide pre-mixed and then applied in single application
4	MD92	4.25	Terrigator floater	Forages or canola; with granular fertilizer
4	MD92	4.25	Terrigator floater	Canola or forages; mixed with granular fertilizer and applied in single application
4	MD92	4.50	FW Cessna Ag Truck or Pawnee Brave	Forages or canola; with granular fertilizer
4	MD92	4.95	Ag-Chem Terrigator 1803 floater with 60' boom	Cereals, oilseeds or forages; with granular fertilizer

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Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
4	MD92	4.95	Terrigator floater	Forages or canola; with granular fertilizer
4	MD92	4.95	Tyler or Terrigator floater with 60' boom	Canola or forages; with granular fertilizer
4	MD92	5.40	Tyler or Terrigator floater with 60' boom	Canola or forages; with granular fertilizer and herbicide
4	MD92	12.00	Tractor, Bourgault air seeder with Phoenix toe packers	Direct min-till seeding all croos; with granular fertilizer and herbicide
4	MD92	14.00	NH 9682 360hp tractor, 52' Bourgault 5710 air drill	Direct seeding (min-till) crops; with granular fertilizer
4	Parkland	3.50	Terrigator floater	Forages or canola; with granular fertilizer
4	Parkland	5.00	FW Piper Pawnee or Piper Brave	Forages or canola
4	Parkland	5.00	Terrigator floater	Forages or canola; with granular fertilizer
4	Parkland	5.00	Case-IH floater	Cereals, canola or forages; with granular fertilizer
4	Parkland	$50.00/hr	Tractor, 3 IH seed drill tandemed to 21' with packer wheels	Direct seeding cereals; with granular fertilzier
4	Strathcona	4.50	Valmar air spreader floater	Forages or canola; with granular fertilizer
4	Strathcona	7.50	Tractor, 39' Flexicoil air drill	Seeding cereals; with granular fertilizer
4	Strathcona	8.50	275hp tractor, 36' Bourgault air seeder	Seeding all crops; with granular fertilizer
4	Strathcona	10.00	Tractor, 48' Concorde air seeder	Direct seeding cereals or canola; with granular fertilizer
4	Strathcona	11.00	JD 420 90hp tractor, Concorde 20' air drill with fertilizer box and cold flow kit	Direct seeding canola, cereals or pulses; with granular and anhydrous fertilizer
4	Strathcona	11.50	Tractor, 24' Concorde air seeder with cold flow kit	Direct seeding cereals, canola; with granular & anhydrous fertilizer

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Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
4	Strathcona	12.00	Tractor, Concorde air drill	Direct seeding cereals; with granular fertilizer
4	Strathcona	12.00	Tractor, Concorde air drill	Direct seeding cereals or canola; with granular fertilizer
4	Strathcona	12.00	JD FWA 200hp tractor, JD 40' air drill	Direct seeding; with granular fertilizer
4	Strathcona	14.50	Tractor, Bourgault 48' air seeder	Direct seeding cereals; with granular fertilizer
4	7	3.25	TM Tyler spin spreader	Canola or forages with granular fertilizer and herbicide pre-mixed and then applied in single application
4	7	4.50	Valmar air spreader floater	Forages or canola; with granular fertilizer
4	7	4.50	Ag-chem Terrigator floater with 60' boom	Forages or canola; with granular fertilizer
4	7	4.95	Tyler or Terrigator floater with 60' boom	Canola or forages; with granular fertilizer
4	7	5.40	Tyler or Terrigator floater with 60' boom	Canola or forages; with granular fertilizer and herbicide
4	10	4.50	Terrigator floater	Cereals; with granular fertilizer
4	10	4.75	Ag-Chem Terrigator floater with 60' boom	Seeding canola or forages with granular fertilizer; Gator trucks included for hauling product to field
4	10	5.00	FW Air Tractor aircraft	Forages or oilseeds; plus $0.01-0.02/lb applied per acre
4	10	7.00	Ag-Chem Terrigator floater with 60' boom	Seeding cereals, then second pass to apply granular fertilizer; Gator trucks included for hauling product to field
4	10	9.50	Tractor, Concorde air seeder	Direct seeding cereals or oilseeds; with granular fertilizer
4	10	10.00	Tractor, Concorde air seeder	Cereals or oilseeds; with granular fertilizer
4	10	10.00	Tractor, Flexicoil air seeder	Direct seeding cereals; with granular fertilizer
4	10	10.00	Tractor, Concorde 33' air seeder with double shute	Seeding with granular fertilizer on worked land

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
4	10	12.00	Tractor, 32' Concorde air drill with paired rows	Direct min-till seeding; with granular fertilizer
4	10	12.00	Tractor, Concorde 33' air seeder with double shute	Direct seeding with granular fertilizer
4	10	12.00	Tractor, 32' Concorde air drill	Direct min-till seeding cereals or oilseeds; with granular fertilizer
4	10	15.00	NH 2870 FWA Tractor, 33' Flexicoil 5000 air drill	No-till seeding with granular fertilizer
4	10	16.00	Tractor, Concorde 33' air seeder with double shute	Direct seeding with granular and anhydrous fertilizer
4	11	3.00	TM Valmar	Forages or canola
4	11	4.25	Terrigator floater	Forages or canola; with granular fertilizer
4	11	4.50	Terrigator floater	Forages or canola; with granular fertilizer
4	11	4.75	Terrigator floater	Forages; with granular fertilizer
4	11	4.95	Ag-Chem Terrigator 1803 floater with 60' boom	Cereals, oilseeds or forages; with granular fertilizer
4	11	4.95	Terrigator floater	Cereals or canola; with granular fertilizer
4	11	4.95	Terrigator floater	Cereals; with granular fertilizer
4	11	10.00	Tractor, 27' Flexicoil cult with Flexicoil 1110 air seeder	Direct seeding cereals or oilseeds
4	11	11.00	Tractor, Flexicoil cult with Flexicoil 1100 air seeder	Direct seeding cereals or oilseeds
4	11	11.00	Tractor, 27' Flexicoil cult with Flexicoil 1110 air seeder	Direct seeding cereals or oilseeds; with granular fertilizer
4	11	11.00	JD 8200 FWA 180hp tractor with Flexicoil 800 cult and Flexicoil 1100 airseeder	Direct seeding cereals or oilseeds
4	11	12.00	JD 8200 FWA 180hp tractor with Flexicoil 800 cult and Flexicoil 1100 airseeder	Direct seeding cereals or oilseeds; with granular fertilizer

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
4	11	12.00	Tractor, Flexicoil cult with Flexicoil 1100 air seeder	Direct seeding cereals or oilseeds; with granular fertilizer
4	11	13.00	JD 8200 FWA 180hp tractor with Flexicoil 800 cult and Flexicoil 1100 airseeder	Direct seeding cereals or oilseeds; with granular fertilizer and grasses
4	11	13.00	JD 8200 FWA 180hp tractor with Flexicoil 800 cult and Flexicoil 1100 airseeder	Direct seeding cereals or oilseeds; with granular fertilizer and Avadex
4	11	13.00	Tractor, Flexicoil cult with Flexicoil 1100 air seeder	Direct seeding cereals or oilseeds; with granular fertilizer and forages
4	11	13.00	Tractor, Flexicoil cult with Flexicoil 1100 air seeder	Direct seeding cereals or oilseeds; with granular fertilizer and Avadex
4	11	14.00	NH 9682 360hp tractor, 52' Bourgault 5710 air drill	Direct seeding (min-till) crops; with granular fertilizer
4	12	3.25	TM Tyler spin spreader	Canola or forages with granular fertilizer and herbicide pre-mixed and then applied in single application
4	12	4.25	Terrigator floater	Canola or forages; mixed with granular fertilizer and applied in single application
4	12	4.95	Tyler or Terrigator floater with 60' boom	Canola or forages; with granular fertilizer
4	12	5.40	Tyler or Terrigator floater with 60' boom	Canola or forages; with granular fertilizer and herbicide
4	12	10.00	Tractor, Concorde air drill	Direct seeding
4	12	10.00	Tractor, Concorde 40' air drill	Cereals, oilseeds or forages; with granular fertilizer
4	12	12.00	Tractor, Concorde air drill	Direct seeding with granular fertilizer
4	12	13.00	Case-IH 9370 4wd 370hp tractor, Concorde 40' air drill	Direct seeding into hayland with granular and anhydrous fertilizer all in one pass
4	12	14.00	Tractor, Seed Hawk air drill	Direct no-till seeding cereals or oilseeds; with granular fertilizer
4	12	15.00	Case-IH 9370 4wd 370hp tractor, Concorde 40' air drill	Direct seeding into cereals or canola into stubble with granular and anhydrous fertilizer all in one pass

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
4	25	5.00	Terrigator floater	Forages or canola; with granular fertilizer
4	25	5.00	Case-IH air flow floater with 60' boom	Canola; with granular fertilizer (pre-mixed)
4	25	6.00	Tractor, Morris 30' cultivator with hoe drill	Seeding all crops; with granular fertilizer
4	25	6.00-7.00	Tractor, Brillion forage seeder	Larger acreages
4	25	6.50	Case-IH air flow floater with 60' boom	1st pass granular fertilizer, 2nd pass seed (2 pass operation)
4	25	7.50-8.00	Tractor, Brillion forage seeder	Smaller acreages
4	25	9.00	Tractor, Flexicoil air seeder	Direct seeding all crops; with granular fertilizer
4	25	10.00	Tractor, Flexicoil air seeder	Direct seeding cereals or oilseeds
4	25	12.00	Tractor, Flexicoil 36' air seeder	Direct seeding canola or cereals; with granular fertilizer
4	25	$100/hr or $25/ac	Cat Challenger 325hp rubber track; with Bourgault 40' cultivator with air seeder (shanks 9" apart)	Direct seeding cereals, canola, forages into NO-TILL with granular fertilizer
5	MD16	5.00	FW Cessna 188 or Air Tractor 401 aircraft	Forages or canola
5	MD19	$50/day rental	PT Valmar with 40' boom	Rental for seeding canola or forages; with purchase of product
5	MD19	4.00	Lor-al floater with 60' boom	Canola or forages
5	MD19	4.50	Lor-al floater with 60' boom	Cereals, canola or forages
5	MD19	5.00	Lor-al floater with 60' boom	Cereals, canola or forages; with granular fertilizer
5	MD19	6.00	Lor-al floater with 60' boom	Canola or forages; with fertilizer

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
5	MD19	6.50	Tractor, JD 9350 30' hoe drill	Cereals or canola; with granular fertilizer
5	MD19	7.00	Tractor, JD 9350 30' hoe drill	Cereals or oilseeds
5	MD20	4.00	Lor-al floater with 60' boom	Canola or forages
5	MD20	6.00	Lor-al floater with 60' boom	Canola or forages; with fertilizer
5	MD124	3.25	TM Tyler spin spreader	Canola or forages with granular fertilizer and herbicide pre-mixed and then applied in single application
5	MD124	4.95	Tyler or Terrigator floater with 60' boom	Canola or forages; with granular fertilizer
5	MD124	5.40	Tyler or Terrigator floater with 60' boom	Canola or forages; with granular fertilizer and herbicide
5	MD130	4.00-4.50	Lor-al floater	Canola
5	MD130	4.50	Lor-al floater with 60' boom	Cereals, canola or forages
5	MD130	5.00	Lor-al floater with 60' boom	Cereals, canola or forages; with granular fertilizer
5	MD130	$50/day rental	PT Valmar with 40' boom	Rental for seeding canola or forages; with purchase of product
5	MD131	4.50	Lor-al floater	Forages or canola; with granular fertilizer
5	MD131	4.50	Lor-al floater with 60' boom	Cereals, canola or forages
5	MD131	5.00	Lor-al floater with 60' boom	Cereals, canola or forages; with granular fertilizer
5	MD131	$50/day rental	PT Valmar with 40' boom	Rental for seeding canola or forages; with purchase of product

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

CROP SEEDING 2000

Region	County	Custom Cost ($/ac)	Type of Applicator	Notes
5	MD133	4.00	Lor-al floater	Forages or canola; with granular fertilizer
5	MD133	4.00	Lor-al floater	Forages or canola
5	MD133	4.00	Lor-al floater with 60' boom	Canola or forages
5	MD133	6.00	Lor-al floater with 60' boom	Canola or forages; with fertilizer
5	MD133	7.50	Tractor, Bourgault 42' air seeder with harrows	Seeding forages; with granular fertilizer
5	MD133	$90.00/hr	Tractor, Bourgault 42' air seeder with harrows	Seeding forages; with granular fertilizer
5	MD135	8.00	Tractor, Concorde air drill	Seeding cereals; with granular fertilizer
5	MD135	15.00	Tractor, JD 40' air hoe drill	Direct seeding all crops with granular fertilizer
5	MD135	15.00	Tractor, JD 40' air hoe drill	Direct min-till seeding all crops with granular fertilizer
5	MD135	17.00	Tractor, JD 40' air hoe drill	Direct seeding all crops with granular fertilizer; includes trucks for hauling product
5	MD136	15.00	Tractor, 40' JD 737 cult with double shoot air drill 230bu tank with on row packing	Direct seeding with fertilizer; includes tandem truck for hauling
5	1	4.00	Lor-al floater	Forages or canola; with granular fertilizer

SP - self propelled PT - pull type TM - truck mount FW - fixed wing JD - John Deere IH - International NH - New Holland Vers - Versatile cult - cultivator fert- fertilizer herb - herbicide G - granular L - liquid A - anhydrous ac - acre hr - hour

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	MD1		A	Andydrous pup tanks	$40/tonne	With purchase of product
1	MD1		G	PT Tyler or Willmar spin spreaders 3-6 tonne bin	$1.00/ac	With purchase of product
1	MD1	3.75	G	Willmar or Lor-al floater		
1	MD1	4.50-5.00	G	Ag-Chem 1844 floater with 6 Tonne tank and 60' boom		Single application
1	MD1	4.50-5.00	G	Lor-al floater		Single application
1	MD1	5.00-5.50	G	Ag-Chem 1844 floater with 6 Tonne tank and 60' boom		Dual application; with herbicide
1	MD1	5.00-5.50	G	Lor-al floater		Dual application; with herbicide
1	MD6		A	PT Edwards 34' field cultivator with cold flow kit and anhydrous wagon with 1,750 US gallon tank	$1.50/ac	With purchase of product
1	MD6		G	PT Mobility spin spreader	$n/c	With purchase of product
1	MD6		G	PT Willmar spin spreader	$5/tonne	With purchase of product
1	MD6		G	PT Willmar spin spreader with 5 or 6 tonne tank	$5/tonne	With purchase of product
1	MD6		G	PT Willmar or Tyler spin spreader	$7/tonne	With purchase of product
1	MD6	3.75	G	Lor-al floater		
1	MD6	3.75-5.00	G	Terrigator Air flow & Air max floaters		Single application; depends on rate of application
1	MD6	4.00	G	Lor-al floater		Single application
1	MD6	4.50	G	Lor-al floater with 60' boom and 6 tonne tank		
1	MD6	4.50	G	Lor-al floater with 60' boom		Single application; with purchase of product
1	MD6	4.50-5.00	G	Terrigator Air flow & Air max floaters		Dual application; with granular herbicide

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	MD6	4.75	G	Tyler air flow floater		Single application; with purchase of product
1	MD6	5.00	G	Lor-al floater with 60' boom		Single application; with herbicide mixed in; with purchase of product
1	MD6	5.00	G	Lor-al floater with 60' boom		Single application; with seed mixed in; with purchase of product
1	MD6		L	PT Bandwagon or dribbler wagon	$1.00/ac	With purchase of product
1	MD6	7.00	L	Rogator hi-clearance sprayer		Row crops; 20 gallons water/acre
1	MD14		A	PT Edwards 34' field cultivator with cold flow kit and anhydrous wagon with 1,750 US gallon tank	$1.50/ac	With purchase of product
1	MD14		A	Andydrous pup tanks	$40/tonne	With purchase of product
1	MD14		G	PT Willmar spin spreader	$n/c	With purchase of product
1	MD14		G	PT Tyler or Willmar spin spreaders 3-6 tonne bin	$1.00/ac	With purchase of product
1	MD14		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
1	MD14		G	PT Willmar spin spreader	$5/tonne	With purchase of product
1	MD14		G	PT Willmar spin spreader with 5 or 6 tonne tank	$5/tonne	With purchase of product
1	MD14		G	PT Willmar spin spreader	$6/tonne	With purchase of product
1	MD14	3.00-3.50	G	Wilmar TM spin spreader		Single application; with purchase of product
1	MD14	3.75-5.00	G	Terrigator Air flow & Air max floaters		Single application; depends on rate of application
1	MD14	4.00	G	Lor-al floater		Single application
1	MD14	4.25	G	Terrigator floater		
1	MD14	4.50	G	Lor-al floater with 60' boom		Single application; with purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	MD14	4.50	G	Lor-al floater with 60' boom and 6-7 tonne tank		With purchase of product
1	MD14	4.50	G	Lor-al floater		Single application
1	MD14	4.50	G	Lor-al floater with 60' boom and 6 tonne tank		
1	MD14	4.50	G	Lor-al floater		
1	MD14	4.50-5.00	G	Terrigator Air flow & Air max floaters		Dual application; with granular herbicide
1	MD14	4.50-5.00	G	Ag-Chem 1844 floater with 6 Tonne tank and 60' boom		Single application
1	MD14	4.50-5.00	G	Lor-al floater		Single application
1	MD14	4.50-5.00	G	Willmar airflow floater with 70' boom		Single application; with purchase of product
1	MD14	4.75	G	Lor-al floater		Dual application; with herbicide
1	MD14	5.00	G	Lor-al floater with 60' boom		Single application; with seed mixed in; with purchase of product
1	MD14	5.00	G	Lor-al floater with 60' boom		Single application; with herbicide mixed in; with purchase of product
1	MD14	5.00-5.50	G	Ag-Chem 1844 floater with 6 Tonne tank and 60' boom		Dual application; with herbicide
1	MD14	5.00-5.50	G	Lor-al floater		Dual application; with herbicide
1	MD14		L	PT Bandwagon or dribbler wagon	$1.00/ac	With purchase of product
1	MD14	4.25	L	FW Air Tractor AT401B or Thrush Ayres F2R aircraft		1 gallon water/acre
1	MD14	5.75	L	FW Air Tractor AT401B or Thrush Ayres F2R aircraft		5 gallons water/acre
1	MD14	7.00	L	Rogator hi-clearance sprayer		Row crops; 20 gallons water/acre
1	MD14	7.20	L	FW Air Tractor AT401B or Thrush Ayres F2R aircraft		10 gallons water/acre

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	MD26		A	Coulter unit has cold flow kit and variable rate capabilities	$4.50/ac	With purchase of product
1	MD26		A	Anhydrous wagons with 1000-2000 US gallon tanks	$20/tonne	With purchase of product
1	MD26		A	PT 45' cultivator with live wire or cold flow kit and anhydrous wagons	$80/tonne	With purchase of product; including delivery
1	MD26		G	PT Willmar spin spreader	$n/c	With purchase of product
1	MD26		G	PT Willmar or Tyler spin spreader	$7/tonne	With purchase of product
1	MD26		G	PT Willmar spin spreader	$30/day	With purchase of product
1	MD26	3.25-3.50	G	Willmar spin spreader floater		
1	MD26	3.75-4.00	G	Tyler air flow floater		
1	MD26	3.75-5.00	G	Terrigator Air flow & Air max floaters		Single application; depends on rate of application
1	MD26	4.00	G	Willmar spin spreader floater		Single application
1	MD26	4.00	G	Valmar TM floater with 60' boom		With purchase of product
1	MD26	4.00	G	Lor-al floater with 60' boom and 5 tonne tank		Single application
1	MD26	4.50-5.00	G	Terrigator Air flow & Air max floaters		Dual application; with granular herbicide
1	MD26	4.75	G	Tyler pneumatic floater with 60' boom		Single application; with purchase of product
1	MD26		L	PT Bandwagon	$1.50/ac	With purchase of product
1	MD26	7.00	L	Rogator hi-clearance sprayer		Row crops; 20 gallons water/acre
1	MD31		A	PT anhydrous applicator	$4.00/ac	With purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	MD31	6.00	A	JD 1610 air seeder with 2" spikes and harrows		Deep banding anhydrous fertilizer
1	MD31	$7/tonne	Delivery	Tandem truck with 12 tonne box		Maximum 15 miles
1	MD31	3.75	G	Lor-al floater		
1	MD31	4.00	G	Lor-al floater with 60' boom and 5 tonne tank		Single application
1	MD31	4.00	G	Lor-al spin spreader on floater truck		Single application
1	MD31	4.00	G	Lor-al Air-max floater with 60' boom		Single application
1	MD31	4.00	G	Lor-al floater		Single application or with herbicide
1	MD31	4.50	G	Lor-al floater		Single application or with herbicide
1	MD31	4.75	G	Lor-al Air-max floater with 60' boom		With seed mixed with fertilizer
1	MD31	4.75	G	Lor-al Air-max floater with 60' boom		With herbicide mixed with fertilizer
1	MD31	9.00	G	MF 4880 Tractor, Concept 2000 45' cultivator with air tank		Deep banding granular fertilizer with herbicide
1	MD31	5.00	L	Ag-Chem Rogator hi-clearance sprayer		With purchase of product
1	2		A	Anhydrous wagons with 1000-2000 US gallon tanks	$20/tonne	With purchase of product
1	2		A	Coulter unit has cold flow kit and variable rate capabilities	$4.50/ac	With purchase of product
1	2		A	PT 45' cultivator with live wire or cold flow kit and anhydrous wagons	$80/tonne	With purchase of product; including delivery
1	2	$7/tonne	Delivery	Tandem truck with 12 tonne box		Maximum 15 miles

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	2		G	PT Willmar spin spreader	$10/tonne	With purchase of product
1	2		G	PT Willmar spin spreader	$10/tonne	With purchase of product
1	2		G	PT Willmar spin spreader	$30/day	With purchase of product
1	2	4.00	G	Lor-al floater with 60' boom and 5 tonne tank		Single application
1	2	4.00	G	Lor-al spin spreader on floater truck		Single application
1	2	4.00	G	Lor-al airflow floater with 60' boom		With purchase of product
1	2	4.00	G	Valmar TM floater with 60' boom		With purchase of product
1	2	4.00	G	Lor-al Air-max floater with 60' boom		Single application
1	2	4.00	G	Lor-al floater		
1	2	4.50	G	Lor-al floater		Dual application; with herbicide
1	2	4.75	G	Lor-al Air-max floater with 60' boom		With herbicide mixed with fertilizer
1	2	4.75	G	Lor-al Air-max floater with 60' boom		With seed mixed with fertilizer
1	2	6.00	G	Tractor, JD 1810 air seeder		Deep banding
1	2		L	PT liquid bandwagon	$1.50/ac	
1	2		L	PT coulter with tank	$3.50/ac	
1	2	4.00	L	AG-Chem Rogator hi-clearance sprayer		
1	2	5.00	L	Ag-Chem Rogator hi-clearance sprayer		With purchase of product
1	4		A	NH3 Valmar 48' with Harrows (Raven monitor) and tanks	$2.00/ac	With purchase of product
1	4		A	NH3 Cultivator 41' Flexicoil with Harrows (Raven monitor) and tanks	$2.00/ac	With purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	4		G	PT spin spreader	$1.00/ac	With purchase of product
1	4		G	PT Willmar spin spreader	$6/tonne	With purchase of product
1	4		G	PT Willmar spin spreader	$6/tonne	With purchase of product
1	4	3.00-3.50	G	Wilmar TM spin spreader		Single application; with purchase of product
1	4	4.50	G	Ag-chem Terrigator floater		Single application
1	4	4.50	G	Lor-al or Ag-Chem floater or TM Valmar 6 Tonne bin		Single application
1	4	4.50	G	Lor-al floater		Single application
1	4	4.50-5.00	G	Willmar airflow floater with 70' boom		Single application; with purchase of product
1	4	5.00	G	FW Air Tractor aircraft		Within 5 miles; under 200 lbs.
1	4	5.00	G	FW Thrush aircraft		Aerial application
1	4		L	PT Dribbler	$1.00/ac	With purchase of product
1	4		L	PT Band wagon	$1.50/ac	With purchase of product
1	4		L	PT Bandwagon	$1.50/ac	With purchase of product
1	4		L	PT Dribbler with wagon	$2.00/ac	With purchase of product
1	4		L	PT Bandwagon with dribbler	$2.50/ac	With purchase of product
1	4		L	PT Liquid Coulter with band wagon (Raven monitor)	$3.50/ac	With purchase of product
1	4	4.25	L	FW Air Tractor AT401B or Thrush Ayres F2R aircraft		1 gallon water/acre
1	4	4.50	L	Terrigator floater with liquid kit 60-80' boom		
1	4	5.75	L	FW Air Tractor AT401B or Thrush Ayres F2R aircraft		5 gallons water/acre
1	4	7.20	L	FW Air Tractor AT401B or Thrush Ayres F2R aircraft		10 gallons water/acre

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	5		A	PT Edwards 34' field cultivator with cold flow kit and anhydrous wagon with 1,750 US gallon tank	$1.50/ac	With purchase of product
1	5		A	Coulter unit has cold flow kit and variable rate capabilities	$4.50/ac	With purchase of product
1	5		A	Anhydrous wagons with 1000-2000 US gallon tanks	$20/tonne	With purchase of product
1	5		A	PT 45' cultivator with live wir- or cold flow kit and anhydrous wagons	$80/tonne	With purchase of product; including delivery
1	5		G	PT Willmar spin spreader	$5/tonne	With purchase of product
1	5		G	PT Willmar spin spreader with 5 or 6 tonne tank	$5/tonne	With purchase of product
1	5		G	PT Willmar spin spreader	$8/tonne	With purchase of product
1	5		G	PT Willmar spin spreader	$30/day	With purchase of product
1	5	4.00	G	Valmar TM floater with 60' boom		With purchase of product
1	5	4.00	G	Willmar floater		Large acreage
1	5	4.50	G	Lor-al floater with 60' boom		Single application; with purchase of product
1	5	4.50	G	Lor-al floater with 60' boom and 6 tonne tank		Single application
1	5	4.50	G	Willmar floater		Large acreage; with herbicide
1	5	5.00	G	Lor-al floater with 60' boom		Single application; with herbicide mixed in; with purchase of product
1	5	5.00	G	Lor-al floater with 60' boom		Single application; with seed mixed in; with purchase of product
1	5		L	PT Bandwagon or dribbler wagon	$1.00/ac	With purchase of product
1	8		A	Andydrous pup tanks	$40/tonne	With purchase of product
1	8		G	PT Tyler or Willmar spin spreaders 3-6 tonne bin	$1.00/ac	With purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	8	3.75	G	Willmar or Lor-al floater		
1	8	4.00	G	TM Willmar spreader		Single application
1	8	4.50	G	Lor-al floater		Single application
1	8	4.50-5.00	G	Lor-al floater		Single application
1	8	4.50-5.00	G	Ag-Chem 1844 floater with 6 Tonne tank and 60' boom		Single application
1	8	5.00-5.50	G	Lor-al floater		Dual application; with herbicide
1	8	5.00-5.50	G	Ag-Chem 1844 floater with 6 Tonne tank and 60' boom		Dual application; with herbicide
1	8	4.25	L	FW Air Tractor AT401B or Thrush Ayres F2R aircraft		1 gallon water/acre
1	8	5.75	L	FW Air Tractor AT401B or Thrush Ayres F2R aircraft		5 gallons water/acre
1	8	7.20	L	FW Air Tractor AT401B or Thrush Ayres F2R aircraft		10 gallons water/acre
1	16		A	NH3 Cultivator 41' Flexicoil with Harrows (Raven monitor) and tanks	$2.00/ac	With purchase of product
1	16		A	NH3 Valmar 48' with Harrows (Raven monitor) and tanks	$2.00/ac	With purchase of product
1	16		A	PT applicator	$25/tonne	With purchase of product
1	16		A	Pup wagon and delivery	$60/tonne	With purchase of product
1	16		A	Pup wagon, delivery and applicator	$85-90/tonne	With purchase of product
1	16	$7/tonne	Delivery	Tandem truck with 12 tonne box		Maximum 15 miles
1	16		G	PT spin spreader	$1.00/ac	With purchase of product
1	16		G	PT Willmar spin spreader	$1.00/ac	With purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	16	4.00	G	Lor-al floater with 60' boom		With purchase of product
1	16	4.00	G	Lor-al or Terrigator floater		Dual application; with herbicide or canola, forage seed
1	16	4.00	G	Lor-al Air-max floater with 60' boom		Single application
1	16	4.00	G	Lor-al floater		
1	16	4.00	G	Lor-al spin spreader on floater truck		Single application
1	16	4.50	G	Lor-al or Ag-Chem floater or TM Valmar 6 Tonne bin		
1	16	4.50	G	Lor-al or Terrigator floater		triple application; with herbicide and canola, forage seed
1	16	4.75	G	Lor-al Air-max floater with 60' boom		With seed mixed with fertilizer
1	16	4.75	G	Lor-al Air-max floater with 60' boom		With herbicide mixed with fertilizer
1	16	5.00	G	Lor-al floater with 60' boom		Dual application; with seed; with purchase of products
1	16	5.00	G	Lor-al floater with 60' boom		Dual application; with herbicide; with purchase of products
1	16	5.00	G	Lor-al or Terrigator floater		Dual application; with grains and forage or herbicide
1	16		L	PT Dribbler	$1.00/ac	With purchase of product
1	16		L	PT 60' dribble bar	$1.50/ac	
1	16		L	PT Band wagon	$1.50/ac	With purchase of product
1	16		L	PT Dribbler with wagon	$2.00/ac	With purchase of product
1	16		L	PT Coulter with bandwagon	$2.00/ac	With purchase of product
1	16		L	PT Liquid Coulter with band wagon (Raven monitor)	$3.50/ac	With purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	16	4.00	L	Terrigator liquid floater		
1	16	4.50	L	Terrigator floater with liquid kit 60-80' boom		
1	16	5.00	L	Ag-Chem Rogator hi-clearance sprayer		With purchase of product
1	16	5.50	L	Tractor, Coulter with wagon		
1	26		A	PT Edwards 34' cultivator with raven injector	$1.00/ac	
1	26		A	PT Edwards 34' field cultivator with cold flow kit and anhydrous wagon with 1,750 US gallon tank	$1.50/ac	With purchase of product
1	26		A	Anhydrous wagons with 1000-2000 US gallon tanks	$20/tonne	With purchase of product
1	26		A	Coulter unit has cold flow kit and variable rate capabilities	$4.50/ac	With purchase of product
1	26		A	PT 45' cultivator with live wire or cold flow kit and anhydrous wagons	$80/tonne	With purchase of product; including delivery
1	26		A,G	PT Edwards 34' cultivator with raven injector with Valmar box	$2.00/ac	For (A) fertilizer with (G) herbicide
1	26		G	PT Willmar spin spreader	$30/day	With purchase of product
1	26		G	PT Willmar spin spreader	$5/tonne	With purchase of product
1	26		G	PT Willmar spin spreader with 5 or 6 tonne tank	$5/tonne	With purchase of product
1	26		G	PT Willmar spin spreader	$6/tonne	With purchase of product
1	26	3.75-5.00	G	Terrigator Air flow & Air max floaters		Single application; depends on rate of application
1	26	4.00	G	Lor-al floater		
1	26	4.00	G	Terrigator floater		Single application
1	26	4.00	G	Valmar TM floater with 60' boom		With purchase of product
1	26	4.00-5.00	G	Lor-al floater		Single application

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	26	4.50	G	Lor-al floater with 60' boom and 6 tonne tank		
1	26	4.50	G	Lor-al floater		Dual application; with herbicide
1	26	4.50	G	Lor-al floater		Single application
1	26	4.50	G	Lor-al floater with 60' boom		Single application; with purchase of product
1	26	4.50	G	Ag-chem Terrigator floater		Single application
1	26	4.50-5.00	G	Terrigator Air flow & Air max floaters		Dual application; with granular herbicide
1	26	5.00	G	Lor-al floater with 60' boom		Single application; with herbicide mixed in; with purchase of product
1	26	5.00	G	Lor-al floater with 60' boom		Single application; with seed mixed in; with purchase of product
1	26	5.00	G	Ag-chem Terrigator floater		Dual application; with herbicide
1	26	5.00	G	Lor-al floater		Dual application; with herbicide or seed
1	26	5.50	G	Lor-al floater		Dual application; with herbicide
1	26		L	PT Bandwagon or dribbler wagon	$1.00/ac	With purchase of product
1	26	7.00	L	Rogator hi-clearance sprayer		Row crops; 20 gallons water/acre
2	Lacombe	$7/tonne	Delivery	Freightliner tandem truck holds 16 tonnes		Delivery of fertilizer within 30 miles
2	Lacombe		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
2	Lacombe		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
2	Lacombe		G	PT Willmar spin spreader	$1.50/ac	With purchase of product
2	Lacombe		G	PT Willmar spin spreader	$1.50/ac	With purchase of product
2	Lacombe		G	PT Willmar spin spreader	$8/tonne	With purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	Lacombe	4.00	G	Lor-al floater		
2	Lacombe	4.00	G	Mertz 2245 floater with 60' boom		
2	Lacombe	4.00	G	Tyler air flow floater		
2	Lacombe	4.00	G	Tyler Mertz floater		
2	Lacombe	4.00-4.50	G	Terrigator floater		Single application
2	Lacombe	4.25	G	Lor-al floater		
2	Lacombe	4.25	G	Tyler air flow floater		
2	Lacombe	4.25-4.50	G	Tyler floater with 60' boom		Single application
2	Lacombe	4.25-4.50	G	Tyler floater with 60' boom		With seed or granular herbicide mixed with fertilizer at additional $7/tonne
2	Lacombe	4.50	G	Tyler Mertz floater		Dual application; with herbicide
2	Lacombe	5.00-5.50	G	Terrigator floater		Dual application; with herbicide
2	MD7	4.00	G	Lor-al floater with 60' boom		With purchase of product
2	MD7	5.00	G	Lor-al floater with 60' boom		Dual application; with seed; with purchase of products
2	MD7	5.00	G	Lor-al floater with 60' boom		Dual application; with herbicide; with purchase of products
2	MD44		A	NH3 Cultivator 41' Flexicoil with Harrows (Raven monitor) and tanks	$2.00/ac	With purchase of product
2	MD44		A	NH3 Valmar 48' with Harrows (Raven monitor) and tanks	$2.00/ac	With purchase of product
2	MD44	$7/tonne	Delivery	Tandem truck with 12 tonne box		Delivery of fertilizer to maximum of 15 miles
2	MD44		G	PT Willmar spin spreader	$0.75/ac	With purchase of product
2	MD44		G	PT spin spreader	$1.00/ac	With purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	MD44		G	PT Willmar spin spreader	$100/day	With purchase of product
2	MD44	4.00	G	Lor-al floater		Single application
2	MD44	4.00	G	Lor-al spin spreader on floater truck		Single application
2	MD44	4.00	G	Lor-al floater with 60' boom		With purchase of product
2	MD44	4.00	G	Lor-al Air-max floater with 60' boom		Single application
2	MD44	4.00	G	Tyler air flow floater		Single application
2	MD44	4.25	G	Lor-al floater		Single application
2	MD44	4.50	G	Lor-al or Ag-Chem floater or TM Valmar 6 Tonne bin		Single application
2	MD44	4.75	G	Lor-al Air-max floater with 60' boom		With herbicide mixed with fertilizer
2	MD44	4.75	G	Lor-al Air-max floater with 60' boom		With seed mixed with fertilizer
2	MD44	5.00	G	Lor-al floater with 60' boom		Dual application; with herbicide; with purchase of products
2	MD44	5.00	G	Lor-al floater with 60' boom		Dual application; with seed; with purchase of products
2	MD44		L	PT Dribbler	$1.00/ac	With purchase of product
2	MD44		L	PT Band wagon	$1.50/ac	With purchase of product
2	MD44		L	PT Dribbler with wagon	$2.00/ac	With purchase of product
2	MD44		L	PT Liquid Coulter with band wagon (Raven monitor)	$3.50/ac	With purchase of product
2	MD44	4.50	L	JD 4450 FWA 140hp tractor, 36' hay floats with liquid fertilizer applicator behind		Banding liquid fertilizer and knocking down mole hills; or $125/hr
2	MD44	4.30	L	Terrigator floater with liquid kit 60-80' boom		
2	MD44	$125/hr	L	JD 4450 FWA 140hp tractor, 36' hay floats with liquid fertilizer applicator behind		Banding liquid fertilizer and knocking down mole hills

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	MD47		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
2	MD47		G	PT Valmar with 40' boom	$2.00/ac	With purchase of product
2	MD47		G	PT Willmar spin spreader	$6/tonne	With purchase of product
2	MD48	$7/tonne	Delivery	Freightliner tandem truck holds 16 tonnes		Delivery of fertilizer within 30 miles
2	MD48		G	PT Willmar spin spreader	$n/c	With purchase of product
2	MD48		G	PT Willmar spin spreader	$n/c	With purchase of product
2	MD48		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
2	MD48		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
2	MD48		G	PT Willmar spin spreader	$1.50/ac	With purchase of product
2	MD48	3.75-4.25	G	Lor-al floater		
2	MD48	4.00	G	Lor-al floater		
2	MD48	4.00	G	Lor-al floater with 60' boom		With purchase of product
2	MD48	4.00	G	Willmar spin spreader floa er		
2	MD48	4.25	G	Ag-chem Terrigator floater		
2	MD48	4.25-4.50	G	Tyler floater with 60' boom		With seed or granular herbicide mixed with fertilizer at additional $7/tonne
2	MD48	4.25-4.50	G	Tyler floater with 60' boom		Single application
2	MD48	4.50	G	Ag-chem Terrigator floater		
2	MD48	4.50	G	Ag-Chem Terrigator floater with 35' boom		With purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	MD48	4.75	G	Ag-chem Terrigator floater		Dual application; with herbicide
2	MD48	5.00	G	Lor-al floater with 60' boom		Dual application; with herbicide; with purchase of products
2	MD48	5.00	G	Lor-al floater with 50' boom		Dual application; with seed; with purchase of products
2	MD99		G	PT Willmar spin spreader	$8/tonne	With purchase of product
2	MD99	3.75	G	Loral floater with 60' boom		
2	MD99	4.00-4.25	G	Loral floater with 60' boom		
2	MD99	4.00-4.50	G	Lor-al floater		Single application
2	SA2		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
2	SA2		G	PT Valmar with 40' boom	$2.00/ac	With purchase of product
2	SA3		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
2	SA3		G	PT Valmar with 40' boom	$2.00/ac	With purchase of product
2	SA4		A	PT McGregor live wire applicator	$1.00/ac	With purchase and delivery of product
2	SA4		A	PT 24' Frigstad cultivator with cold flow kit	$2.00/ac	With purchase and delivery of product
2	SA4		A	PT 28' Morris cultivator with cold flow kit	$2.00/ac	With purchase and delivery of product
2	SA4		G	PT Willmar or Simonson spin spreader	$0.50/ac	With purchase of product
2	SA4	4.00	G	Ag-Chem Terrigator 1803 floater with 60' boom and 6 tonne tank		With purchase of product
2	SA4	8.50	G	Tractor, Bourgault air seeder		Deep banding fertilizer

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	3		G	PT Willmar spin spreader	$30/load	With purchase of product
2	3	3.75	G	Willmar spin spreader floater		
2	3	4.00	G	Tyler air flow floater		
2	3	4.50	G	Tyler air flow floater		Dual application; with herbicide
2	6	$7/tonne	Delivery	Freightliner tandem truck holds 16 tonnes		Delivery of fertilizer within 30 miles
2	6		G	PT Willmar spin spreader	$n/c	With purchase of product
2	6		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
2	6		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
2	6	4.00	G	Tyler air flow floater		
2	6	4.00-4.50	G	Tyler air flow floater		Single application
2	6	4.25	G	Lor-al floater		Single application
2	6	4.25-4.50	G	Tyler floater with 60' boom		With seed or granular herbicide mixed with fertilizer at additional $7/tonne
2	6	4.25-4.50	G	Tyler floater with 60' boom		Single application
2	6	4.50	G	Tyler air flow floater		Dual application; with herbicide
2	17		A	Western Rock Bit tanks 1,000 and 1,750 US gallon capacity	$n/c	Free with purchase and delivery of product
2	17		A	PT 30' JD cultivator with cold flow kit or 28' Bourgault cultivator with cold flow kit	$3.00/ac	With purchase of product
2	17		A	PT Ben Hunt live wire applicator	$30/tonne	With purchase of product
2	17	$7/tonne	Delivery	Freightliner tandem truck holds 16 tonnes		Delivery of fertilizer within 30 miles

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	17		G	PT Willmar spin spreader	$n/c	With purchase of product
2	17		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
2	17		G	PT Willmar spin spreader	$1.50/ac	With purchase of product
2	17		G	PT Willmar spin spreader	$5/tonne	With purchase of product
2	17		G	PT Willmar spin spreader	$20/day	With purchase of product
2	17	4.00	G	Lor-al floater		
2	17	4.00	G	Lor-al floater with 60' boom		With purchase of product
2	17	4.00	G	Lor-al or Terrigator floater		
2	17	4.00-6.00	G	Ag-chem Terrigator floater		Varies according to single, dual or triple application
2	17	4.25	G	Tyler air flow floater		Single application
2	17	4.25-4.50	G	Tyler floater with 60' boom		With seed or granular herbicide mixed with fertilizer at additional $7/tonne
2	17	4.25-4.50	G	Tyler floater with 60' boom		Single application
2	17	4.50	G	Ag-Chem Terrigator floater with 35' boom		With purchase of product
2	17	4.50	G	Tyler air flow floater		Single application
2	17	4.50	G	Ag-Chem Terrigator floater with 80' boom and 6 tonne tank		With purchase of product
2	17	4.50	G	Ag-chem Terrigator floater		Dual application; with herbicide
2	17	4.75-5.00	G	Tyler air flow floater		Dual application; with herbicide
2	17	5.00	G	Lor-al floater with 60' boom		Dual application; with herbicide; with purchase of product
2	17	5.00	G	Lor-al floater with 60' boom		Dual application; with seed; with purchase of product
2	23	$7/tonne	Delivery	Freightliner tandem truck holds 16 tonnes		Delivery of fertilizer within 30 miles

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	23		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
2	23		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
2	23		G	PT Willmar spin spreader	$7.50/tonne	With purchase of product
2	23		G	PT Willmar spin spreader	$60/day	4 ton spreader
2	23		G	PT Willmar spin spreader	$100/day	5 ton spreader
2	23		G	PT Willmar 500 spin spreader	$150/day	3 ton spreader
2	23	4.00	G	Mertz 2245 floater with 60' boom		
2	23	4.00	G	Lor-al floater		Single application
2	23	4.00-4.50	G	Terrigator floater		Single application
2	23	4.25	G	Tyler air flow floater		Single application
2	23	4.25	G	Ag-chem Terrigator floater		
2	23	4.25	G	Ag-chem Terrigator floater		Single application
2	23	4.25-4.50	G	Tyler floater with 60' boom		With seed or granular herbicide mixed with fertilizer at additional $7/tonne
2	23	4.25-4.50	G	Tyler floater with 60' boom		Single application
2	23	4.50	G	Lor-al floater		Single application
2	23	4.75	G	Tyler air flow floater		Dual application; with herbicide
2	23	5.00-5.50	G	Terrigator floater		Dual application; with herbicide
2	23		L	PT dribble bar	$2.00/ac	With purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	23	4.50-5.50	L	Terrigator liquid floater		Hayland
2	23	5.00	L	Ag-Chem Terrigator liquid floater with 70' boom		
2	23	5.50	L	Ag-Chem Terrigator liquid floater with 70' boom		Dual application; with liquid herbicide
3	MD52		A	PT McGregor live wire applicator	$1.00/ac	With purchase and delivery of product
3	MD52		A	PT 28' Morris cultivator with cold flow kit	$2.00/ac	With purchase and delivery of product
3	MD52		A	PT 24' Frigstad cultivator with cold flow kit	$2.00/ac	With purchase and delivery of product
3	MD52	5.50-6.00	A	Tractor, 38' cultivator with cold flow kit		Plus fuel
3	MD52		G	PT Willmar or Simonson spin spreader	$0.50/ac	With purchase of product
3	MD52	3.75	G	Ag-chem Terrigator floater		
3	MD52	4.00	G	Ag-Chem Terrigator 1803 floater with 60' boom and 6 tonne tank		With purchase of product
3	MD52	4.00-4.25	G	Lor-al or Terrigator floater		Single application
3	MD52	4.25	G	Lor-al or Terrigator floater		Dual application; with herbicide
3	MD61		A	Cultivator 35'-48' width with 1000-2000 gallon pups	$2.00/ac	With purchase and delivery of product
3	MD61	4.00	L	Ag-Chem Rogator hi-clearance sprayer with 100' boom & G.P.S.		With purchase of product
3	MD61	4.50	L	Ag-Chem Rogator hi-clearance sprayer with 100' boom & G.P.S.		WITHOUT purchase of product
3	MD87		A	Cultivator with cold flow kit	$2.75/ac	With purchase of product
3	MD87		A	Sp McGregor live wire injector on 45' draw bar	$40/tonne	With purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
3	MD87		G	PT Willmar spin spreader	$8.50/tonne	With purchase of product
3	MD87	3.50	G	TM Simonson Spin Spreader		Single application
3	MD87	4.25	G	Terrigator floater		Single application
3	MD87	4.50	G	TM Valmar Airflow with 60' boom		Single application
3	MD87	4.50	G	Terrigator floater		Single application
3	MD87	5.00	L	SP JD 4700 sprayer with 90' boom		
3	9		A	41'-48' Cultivator with cold flow kit	$1.50/ac	With purchase of product
3	9		A	Cultivator with cold flow kit	$2.75/ac	With purchase of product
3	9		G	PT Willmar spin spreader	$n/c	With purchase of product
3	9		G	PT Willmar spin spreader with 4 Tonne tank	$1.00/ac	With purchase of product
3	9		G	PT Willmar spin spreader	$10/ton	With purchase of product
3	9	3.50	G	TM Simonson Spin Spreader		
3	9	4.00	G	Tyler floater with 60' boom		With purchase of product
3	9	4.00	G	Terrigator floater with Air Max 60' boom		Single application
3	9	4.00-4.25	G	Ag-chem Terrigator floater		Single or dual application
3	9	4.25	G	Lor-al floater		With purchase of product
3	9	4.25	G	Lor-al floater		Dual application; with herbicide
3	9	4.50	G	TM Valmar Airflow with 60' boom		

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
3	9	4.50	G	Terrigator floater		
3	9	5.00	G	Terrigator floater with Air Max 60' boom		Dual application; with herbicide
3	13		A	Sp McGregor live wire injector on 45' draw bar	$40/tonne	With purchase of product
3	13		G	PT Willmar spin spreader	$8.50/tonne	With purchase of product
3	13	4.00	G	Ag-chem Terrigator floater		Single application
3	13	4.25	G	Terrigator floater		Single application
3	13	5.00	L	SP JD 4700 sprayer with 90' boom		
3	19		A	Cultivator with cold flow kit	$2.75/ac	With purchase of product
3	19		A	Sp McGregor live wire injector on 45' draw bar	$40/tonne	With purchase of product
3	19		G	PT Willmar spin spreader	$8/tonne	With purchase of product
3	19		G	PT Willmar spin spreader	$8.50/tonne	With purchase of product
3	19	3.50	G	TM Simonson Spin Spreader		
3	19	4.00	G	Tyler Mertz floater		
3	19	4.00	G	Tyler Mertz floater		Dual application; with herbicide
3	19	4.25	G	Ag-chem Terrigator floater		Single application
3	19	4.25	G	Terrigator floater		Single application
3	19	4.50	G	TM Valmar Airflow with 60' boom		
3	19	4.50	G	Terrigator floater		

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
3	19	4.50	G	Ag-chem Terrigator floater		Dual application; with herbicide
3	19	4.00	G,L	Tyler Mertz floater		Dual application; liquid herbicide on granular fertilizer
3	19	5.00	L	SP JD 4700 sprayer with 90' boom		
3	21		A	Sp McGregor live wire injector on 45' draw bar	$40/tonne	With purchase of product
3	21		G	PT Willmar spin spreader	$n/c	With purchase of product
3	21		G	PT Willmar spin spreader	$8.50/tonne	With purchase of product
3	21	4.00	G	Tyler floater with 60' boom		With purchase of product
3	21	4.25	G	Terrigator floater		Single application
3	21	5.00	L	SP JD 4700 sprayer with 90' boom		
3	22		G	PT Willmar spin spreader with 4 Tonne tank	$1.00/ac	With purchase of product
3	22		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
3	22		G	PT Willmar spin spreader	$10/tonne	With purchase of product
3	22	4.00	G	Ag-chem Terrigator floater		Single application
3	22	4.00	G	Lor-al floater		
3	22	4.25	G	Lor-al floater		With purchase of product
3	22	4.25	G	Lor-al floater		Dual application; with herbicide
3	22	4.25	G	Ag-chem Terrigator floater		Single application
3	22	4.50	G	Ag-chem Terrigator floater		Dual application; with herbicide

L - Liquid   G - Granular   A - Anhydrous   SP - self-propelled   PT - pull-type   TM - Truck mounted   FW - fixed wing aircraft
JD - John Deere   Vers - Versatile   ac - acre   hr - hour   n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
3	24		G	PT Willmar spin spreader	$1.00/ac	With purchase of product
3	24	4.00	G	Lor-al floater		Single application
3	24	4.50	G	Lor-al floater		Dual application; with herbicide
3	24	5.00	G	FW Thrush or Grumann Ag Cat		
3	24	9.00	G	Flexicoil 820 air seeder on Flexicoil 1710 cart		Deep banding
3	27		G	PT Willmar spin spreader	$n/c	With purchase of product
3	27		G	PT Flexicoil cultivator with air seeder	$3.25/ac	With purchase of product
3	27	4.00	G	Tyler air flow floater		
3	27	4.00	G	Tyler floater with 60' boom		With purchase of product
3	27	9.50-10.00	G	Tractor, Flexicoil airseeder on 41' deep tillage cultivator		Deep banding; depending on field condition
3	27	10.50-11.00	G	Tractor, Flexicoil airseeder on 41' deep tillage cultivator		Deep banding; dual application with herbicide; depending on field condition
3	29		G	PT Willmar spin spreader with 4 Tonne tank	$1.00/ac	With purchase of product
3	29	4.25	G	Lor-al floater		With purchase of product
3	29	4.25	G	Lor-al floater		Dual application; with herbicide
3	29	5.50	G	Tractor, Frigstad air seeder		Deep banding
3	30		A	Cultivator with cold flow kit	$2.75/ac	With purchase of product
3	30		G	PT Willmar spin spreader	$n/c	With purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
3	30	3.50	G	TM Simonson Spin Spreader		
3	30	4.00	G	Tyler floater with 60' boom		With purchase of product
3	30	4.50	G	TM Valmar Airflow with 60' boom		
3	30	4.50	G	Terrigator floater		
3	30	9.50-10.00	G	Tractor, Flexicoil airseeder on 41' deep tillage cultivator		Deep banding; depending on field condition
3	30	10.50-11.00	G	Tractor, Flexicoil airseeder on 41' deep tillage cultivator		Deep banding; dual application with herbicide; depending on field condition
4	Lac Ste Anne		G	PT Willmar spin spreader	$7/tonne	With purchase of product
4	Lac Ste Anne		G	PT Willmar spin spreader	$10/tonne	With purchase of product
4	Lac Ste Anne	3.50-4.00	G	Willmar spin spreader floater		
4	Lac Ste Anne	4.50	G	Ag-Chem Terrigator floater with 60' boom and 6 tonne tank		Single application
4	MD15		G	PT Willmar spin spreader	$7/tonne	With purchase of product
4	MD15	4.50	G	Ag-Chem Terrigator floater with 60' boom and 6 tonne tank		Single application
4	MD77		G	PT Willmar spin spreader	$25/load	With purchase of product
4	MD77	4.00	G	Ag-chem Terrigator floater		Single application
4	MD77	4.00	G	TM Willmar spin spreader		Single application; rough terrain
4	MD77	4.00-4.50	G	Ag-chem Terrigator floater with 60' boom		Single application
4	MD90		A	Cultivator with cold flow kit	$2.75/ac	With purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
4	MD90		G	PT Willmar or Simonson spin spreader	$7/tonne	With purchase of product
4	MD90		G	PT Willmar spin spreader	$9/tonne	With purchase of product; $50 minimum
4	MD90	3.50	G	TM Simonson Spin Spreader		
4	MD90	4.00	G	Ag-Chem Terrigator Air max floater		Single application
4	MD90	4.00	G	Ag-chem Terrigator floater		Single application
4	MD90	4.25	G	Ag-chem Terrigator floater		Single application
4	MD90	4.50	G	Terrigator floater		
4	MD90	4.50	G	Ag-Chem Terrigator Air max floater		Dual application; with granular herbicide
4	MD90	4.50	G	Ag-chem Terrigator floater		Dual application; with herbicide
4	MD90	4.50	G	TM Valmar Airflow with 60' boom		
4	MD90	5.00	G	FW Cessna Ag Truck aircraft		Depends on application rate
4	MD92		G	PT Willmar spin spreader	$n/c	With purchase of product
4	MD92		G	PT Willmar spin spreader	$5/tonne	With purchase of product
4	MD92		G	PT Willmar spin spreader	$7/tonne	With purchase of product
4	MD92	3.00	G	TM Willmar spin spreader floater		Single application
4	MD92	4.25	G	Ag-Chem Terrigator floater with 60' boom		Single application
4	MD92	4.25	G	Ag-chem Terrigator floater		Single application
4	MD92	4.50	G	Ag-Chem Terrigator or Tyler floater with 60' boom		Single application

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
4	MD92	4.50	G	Ag-Chem Terrigator floater with 60' boom and 6 tonne tank		Single application
4	MD92	4.50	G	Ag-chem Terrigator floater		Single application
4	MD92	4.95	G	Ag-Chem Terrigator or Tyler floater with 60' boom		Dual application; with granular herbicide
4	MD92	5.00	G	Ag-chem Terrigator floater		Dual application; with herbicide
4	Parkland		G	PT Willmar spin spreader	$5/tonne	With purchase of product
4	Parkland		G	PT Simonson spin spreader	$10/tonne	With purchase of product
4	Parkland	4.50	G	Case-IH Titan floater		With granular herbicide; pre-mixed and applied as single application
4	Parkland	4.50	G	Ag-chem Terrigator floater		Single application
4	Parkland	4.50	G	Ag-chem Terrigator floater		Dual application; with herbicide
4	Parkland	4.50	G	Case-IH Titan floater		Single application
4	Strathcona		A	Cultivator with cold flow kit	$2.75/ac	With purchase of product
4	Strathcona	3.50	G	TM Simonson Spin Spreader		
4	Strathcona	4.00	G	Ag-chem Terrigator floater		Single application
4	Strathcona	4.50	G	Ag-chem Terrigator floater		
4	Strathcona	4.50	G	TM Valmar Airflow with 60' boom		
4	7		A	Cultivator with cold flow kit	$2.75/ac	With purchase of product
4	7		A	27' cultivator with cold flow kit	$3.00/ac	

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
4	7		G	PT Willmar spin spreader	$5/tonne	With purchase of product
4	7		G	PT Willmar spin spreader	$7/tonne	With purchase of product
4	7		G	PT Willmar spin spreader	$10/tonne	With purchase of product
4	7	3.50	G	TM Simonson Spin Spreader		
4	7	4.00	G	Ag-chem Terrigator floater		Single application
4	7	4.00	G	Ag-Chem Terrigator floater with 60' boom		
4	7	4.50	G	Terrigator floater		
4	7	4.50	G	TM Valmar Airflow with 60' boom		
4	7	4.50	G	Ag-Chem Terrigator or Tyler floater with 60' boom		Single application
4	7	4.95	G	Ag-Chem Terrigator or Tyler floater with 60' boom		Dual application; with granular herbicide
4	10	4.00	G	Ag-chem Terrigator floater		Single application
4	10	4.50	G	Ag-chem Terrigator floater		Dual application; with herbicide
4	10	4.50	G	Ag-Chem Terrigator floater with 60' boom		
4	10	4.75	G	Ag-Chem Terrigator floater with 60' boom		Dual application; with herbicide
4	10	5.00	G	FW Air Tractor aircraft		Plus $0.01-0.02/lb applied per acre; aerial application
4	11		A	Anhydrous pup tanks	$40-60/tonne	With purchase of product; price depends on acreage
4	11		A	Anhydrous wagon (for farmers with own cultivator and kit)	$40-60/tonne	With purchase of product; price depends on acreage
4	11		G	PT Willmar spin spreader	$5-7/tonne	With purchase of product
4	11		G	PT Willmar spin spreader	$7/tonne	With purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
4	11	4.00	G	Ag-chem Terrigator floater		Single application
4	11	4.25	G	Ag-chem Terrigator floater		Single application
4	11	4.50	G	Ag-chem Terrigator floater		Dual application; with herbicide
4	11	4.50	G	Ag-Chem Terrigator floater with 60' boom and 6 tonne tank		Single application
4	11	4.50	G	Terrigator floater		With purchase of product
4	12	6.50	A	Tractor, IH 5500 chisel plow with cold flow kit		
4	12	7.00	A	Steiger ST 251 4wd tractor, IH 40' chisel plow with cold flow kit		
4	12	8.00-9.00	A	Tractor, 33-34' cultivator with cold flow kit		
4	12	9.00	A	Tractor, chisel plow with cold flow kit with rotary harrows & packer bar		
4	12		G	PT Willmar spin spreader	$n/c	With purchase of product
4	12		G	PT Willmar spin spreader	$5/tonne	With purchase of product
4	12	3.00	G	TM Willmar spin spreader floater		Single application
4	12	4.25	G	Ag-Chem Terrigator floater with 60' boom		Single application
4	12	4.50	G	Ag-Chem Terrigator or Tyler floater with 60' boom		Single application
4	12	4.95	G	Ag-Chem Terrigator or Tyler floater with 60' boom		Dual application; with granular herbicide
4	25		G	PT Simonson spin spreader	$10/tonne	With purchase of product
4	25	4.25	G	PT Willmar or Simonson spin spreader		Single application
4	25	4.50	G	Ag-chem Terrigator floater		Dual application; with herbicide

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
5	MD16		G	PT Willmar spin spreader with 4 Tonne tank	$50/day	With purchase of product
5	MD16		G	PT Willmar spin spreader	$50/day	With purchase of product
5	MD16		G	PT Willmar spin spreader	$75/day	With purchase of product
5	MD16		G	PT Willmar spin spreader with 4 Tonne tank	$100/day	Plus repairs; WITHOUT purchase of product
5	MD16	4.00	G	Lor-al Air flow floater		Single application
5	MD19		A	Cultivator with wagon (1500-2000 US gallons)	$20/tonne	With purchase of product
5	MD19		A	25' or 29' cultivator with cold flow kit	$20/tonne	With purchase of product
5	MD19		A	39' or 56' cold flow kit	$40/tonne	With purchase of product
5	MD19	7.00	A	Tractor, 25' cultivator with cold flow kit		
5	MD19		G	PT Willmar 500 spin spreader	$n/c	With purchase of product
5	MD19		G	PT Willmar 500 spin spreader	$50/day	With purchase of product; discount for large volume
5	MD19	3.00-3.50	G	Tractor, PT Willmar spin spreader		
5	MD19	4.00	G	Lor-al floater with 60' boom		Includes delivery
5	MD19	4.00	G	Lor-al floater or Ford LT9000 floater with 60' boom		
5	MD20		A	25' or 29' cultivator with cold flow kit	$20/tonne	With purchase of product
5	MD20		G	PT Willmar 500 spin spreader	$n/c	With purchase of product

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
5	MD20	4.00	G	Lor-al floater or Ford LT9000 floater with 60' boom		
5	MD20	4.00	G	Lor-al Easy-rider spin spreader floater		Single application
5	MD21		G	PT Willmar spin spreader	$n/c	With purchase of product
5	MD21	4.00	G	Lor-al floater		Single application
5	MD21	4.00	L	Ag-chem Terrigator floater		Single application
5	MD21	4.25	L	AG-Chem Rogator hi-clearance sprayer		Single application
5	MD124		G	PT Willmar spin spreader	$5/tonne	With purchase of product
5	MD124	4.50	G	Ag-Chem Terrigator or Tyler floater with 60' boom		Single application
5	MD124	4.95	G	Ag-Chem Terrigator or Tyler floater with 60' boom		Dual application; with granular herbicide
5	MD130		A	Cultivator with wagon (1500-2000 US gallons)	$20/tonne	With purchase of product
5	MD130		A	39' or 56' cold flow kit	$40/tonne	With purchase of product
5	MD130		G	Rockbit tank wagon 4 tonne or 2 tonne capacity	$10/tonne	With purchase of product
5	MD130		G	Case light duty cultivator with cold flow kit	$20/tonne	With purchase of product
5	MD130		G	PT Willmar 500 spin spreader	$50/day	With purchase of product; discount for large volume
5	MD130	4.00	G	Lor-al floater with 60' boom		Includes delivery
5	MD130	4.00-4.50	G	Lor-al floater with 60' boom		Single application
5	MD130	4.50	G	Lor-al floater		Single application

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
5	MD131		A	Cultivator with wagon (1500-2000 US gallons)	$20/tonne	With purchase of product
5	MD131		A	39' or 56' cold flow kit	$40/tonne	With purchase of product
5	MD131		G	PT Willmar 500 spin spreader	$50/day	With purchase of product; discount for large volume
5	MD131	4.00	G	Lor-al floater		Single application
5	MD131	4.00	G	Lor-al floater with 60' boom		Includes delivery
5	MD131	4.25	G	Lor-al floater		Single application
5	MD131	4.50	G	Lor-al floater		Dual application; with herbicide
5	MD133		A	25' or 29' cultivator with cold flow kit	$20/tonne	With purchase of product
5	MD133		G	PT Willmar 500 spin spreader	$n/c	With purchase of product
5	MD133		G	PT Willmar spin spreader	$50/day	With purchase of product
5	MD133		G	PT Willmar spin spreader	$75/day	With purchase of product
5	MD133	4.00	G	Lor-al Air flow floater		Single application
5	MD133	4.00	G	Lor-al floater		
5	MD133	4.00	G	Lor-al floater or Ford LT9000 floater with 60' boom		
5	MD136	4.00	G	Lor-al floater		Single application
5	MD136	4.00	L	Ag-chem Terrigator floater		Single application

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

FERTILIZER APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
5	1		G	PT Willmar spin spreader	$n/c	With purchase of product
5	1		G	PT Willmar spin spreader	$75/day	With purchase of product
5	1	4.00	G	Lor-al floater		Dual application; with herbicide
5	1	4.00	G	Lor-al Air flow floater		Single application
5	1	4.00-4.25	G	Lor-al floater		Single application

L - Liquid G - Granular A - Anhydrous SP - self-propelled PT - pull-type TM - Truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile ac - acre hr - hour n/c - no charge

HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1		4.00	L	FW aircraft with 400 gallon tank		1-2 gallons water/acre
1		4.50	L	FW aircraft with 400 gallon tank		2 gallons water/acre; insecticides
1	MD1		G	PT Valmar with 45' bar 1000 lb tank	$0.75/ac	With purchase of product
1	MD1	2.50-3.50	G	TM Valmar floater with 60' boom		Depending on acreage and location of field
1	MD1	5.00	G	Ag-Chem 1844 floater with 60' boom 6 tonne tank		Dual application; with fertilizer
1	MD1	3.50	L	Willmar Eagle hi-clearance sprayer		5 gallons water/acre
1	MD1	4.00	L	Willmar Eagle hi-clearance sprayer		5-10 gallons water/acre
1	MD1	5.00	L	Willmar Eagle hi-clearance sprayer		15 gallons water/acre
1	MD1	6.00	L	Ag-Chem 854 hi-clearance sprayer with 90' boom & G.P.S.		5 gallons water/acre
1	MD1	9.00	L	Ag-Chem 854 hi-clearance sprayer with 90' boom & G.P.S.		30 gallons water/acre; pesticide
1	MD6		G	PT Valmar with 4' bar	$1.75/ac	With purchase of product
1	MD6		G	PT Valmar with 50' bar	$1.25/ac	With purchase of product
1	MD6	2.50	G	TM Valmar		
1	MD6	3.00	G	Lor-al floater with 60' boom		
1	MD6	4.00	G	SP Case-IH sprayer with 90' boom 1200 gallon tank		5 gallons water/acre; rough field surcharge $0.75/ac
1	MD6	4.25	G	Terrigator floater		

L - liquid G - granular SP - self-propelled PT - pull-type TM - truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile Fwa - front wheel assist ac - acre hr - hour T - Tonne

HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	MD6	4.50	G	Lor-al floater with 60' boom and 6 tonne tank		
1	MD6	4.50-5.00	G	Terrigator Airflow or Airmax floaters		Dual application; with fertilizer or seed
1	MD6	4.75	G	SP Case-IH sprayer with 90' boom 1200 gallon tank		10 gallons water/acre; rough field surcharge $0.75/ac
1	MD6	5.00	G	Lor-al floater with 60' boom		Dual application; with fertilizer
1	MD6	5.00	G	Lor-al floater with 60' boom and 6 tonne tank		Dual application; with fertilizer
1	MD6	6.00	G	SP Case-IH sprayer with 90' boom 1200 gallon tank		Over 10 gallons water/acre; rough field surcharge $0.75/ac
1	MD6	3.75-4.75	L	Ag-Chem Rogator 854 hi-clearance sprayer with 90' boom		5 gallons water; depending on number of acres
1	MD6	4.00	L	Ag-chem Rogator hi-clearance sprayer		5 gallons water/acre
1	MD6	4.00	L	Willmar hi-clearance sprayer		5 gallons water/acre
1	MD6	4.00-6.00	L	Ag-Chem Rogator hi-clearance sprayer		0-20 gallons water/acre
1	MD6	4.50	L	Ag-chem Rogator hi-clearance sprayer		10 gallons water/acre
1	MD6	4.50	L	Ag-Chem Rogator 854 hi-clearance sprayer with 90' boom		5-10 gallons water/acre
1	MD6	5.00	L	Willmar hi-clearance sprayer		10 gallons water/acre
1	MD6	6.00	L	Willmar hi-clearance sprayer		20 gallons water/acre
1	MD9	4.25	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
1	MD14		G	PT Valmar with 45' bar 1000 lb tank	$0.75/ac	With purchase of product
1	MD14		G	PT Valmar with 50' bar	$1.25/ac	With purchase of product

L - liquid G - granular SP - self-propelled PT - pull-type TM - truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile Fwa - front wheel assist ac - acre hr - hour T - Tonne

HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	MD14	3.00	G	Lor-al floater with 60' boom		
1	MD14	4.50	G	Lor-al floater with 60' boom and 6 tonne tank		
1	MD14	4.50-5.00	G	Terrigator Airflow or Airmax floaters		Dual application; with fertilizer or seed
1	MD14	5.00	G	Lor-al floater		Single application
1	MD14	5.00	G	Lor-al floater		Dual application; with fertilizer
1	MD14	5.00	G	Ag-Chem 1844 floater with 60' boom 6 tonne tank		Dual application; with fertilizer
1	MD14	5.00	G	Lor-al floater with 60' boom		Dual application; with fertilizer
1	MD14	5.00	G	Lor-al floater with 60' boom and 6 tonne tank		Dual application; with fertilizer
1	MD14	5.50	G	Lor-al floater with 60' boom and 6-7 tonne tank		Dual application; with fertilizer
1	MD14	3.75	L	Willmar Eagle hi-clearance sprayer		5 gallons water/acre
1	MD14	3.75-4.75	L	Ag-Chem Rogator 854 hi-clearance sprayer with 90' boom		5 gallons water/acre; depending on number of acres
1	MD14	4.00	L	Willmar hi-clearance sprayer		10 gallons water/acre
1	MD14	4.00	L	Willmar Eagle hi-clearance sprayer		10 gallons water/acre
1	MD14	4.00-6.00	L	Ag-Chem Rogator hi-clearance sprayer		0-20 gallons water/acre
1	MD14	4.50	L	Ag-Chem Rogator 854 hi-clearance sprayer with 90' boom		5-10 gallons water/acre
1	MD14	4.50	L	Willmar Eagle hi-clearance sprayer		15 gallons water/acre
1	MD14	5.00	L	FW Airtractor AT401B or Thrush Ayres F2R with 400 US gallon tank		Herbicides; plus $0.75/ac for insecticides or fungicides; mixing chemicals for single application add $0.25/acre per additional chemical
1	MD14	5.00	L	Willmar Eagle hi-clearance sprayer		20 gallons water/acre

L - liquid G - granular SP - self-propelled PT - pull-type TM - truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile Fwa - front wheel assist ac - acre hr - hour T - Tonne

HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	MD14	5.00	L	Ag-chem Rogator hi-clearance sprayer		5 gallons water/acre
1	MD14	6.00	L	Ag-Chem 854 hi-clearance sprayer with 90' boom & G.P.S.		5 gallons water/acre
1	MD14	9.00	L	Ag-Chem 854 hi-clearance sprayer with 90' boom & G.P.S.		30 gallons water/acre; pesticide
1	MD26		G	PT Nodet	$0.50/ac	With purchase of product
1	MD26		G	PT Valmar with 4' bar	$1.75/ac	With purchase of product
1	MD26	3.50	G	TM Valmar floater		Single application
1	MD26	4.50-5.00	G	Terrigator Airflow or Airmax floaters		Dual application; with fertilizer or seed
1	MD26	5.00	G	TM Valmar floater		Dual application; with fertilizer or seed
1	MD26	4.00	L	Ag-chem Rogator hi-clearance sprayer		5 gallons water/acre
1	MD26	4.00	L	Ag-Chem Rogator hi-clearance sprayer with 90' boom		5 gallons water/acre
1	MD26	4.00	L	Gallenberg hi-clearance sprayer with 120' boom		5 gallons water/acre
1	MD26	4.00	L	TM Hardy sprayer with 50' bar and 400 gallon tank		5-10 gallons water/acre; rough field surcharge $0.50/ac
1	MD26	4.00	L	SP Case-IH sprayer with 90' boom 1200 gallon tank		5 gallons water/acre; rough field surcharge $0.75/ac
1	MD26	4.00-6.00	L	Ag-Chem Rogator hi-clearunce sprayer		0-20 gallons water/acre
1	MD26	4.50	L	Ag-Chem Rogator hi-clearance sprayer with 90' boom		10 gallons water/acre
1	MD26	4.50	L	FW 400 gallon tank aircraft		2 gallons water/acre
1	MD26	4.75	L	SP Case-IH sprayer with 90' boom 1200 gallon tank		10 gallons water/acre; rough field surcharge $0.75/ac
1	MD26	5.00	L	Ag-chem Rogator hi-clearance sprayer		10 gallons water/water

L - liquid G - granular SP - self-propelled PT - pull-type TM - truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile Fwa - front wheel assist ac - acre hr - hour T - Tonne

HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	MD26	5.50	L	Ag-chem Rogator hi-clearance sprayer		15 gallons water/acre
1	MD26	5.50	L	FW 400 gallon tank aircraft		5 gallons water/acre
1	MD26	5.50	L	FW 400 gallon tank aircraft		Pesticides
1	MD26	6.00	L	SP Case-IH sprayer with 90' boom 1200 gallon tank		20 gallons water/acre; rough field surcharge $0.75/ac
1	MD26	6.00	L	Willmar Eagle hi-clearance sprayer with 60' boom		10-20 gallons water/acre
1	MD31	4.00	L	Ag-chem Rogator hi-clearance sprayer		5 gallons water/acre
1	MD31	4.00	L	Apache Plus SP 200hp hi-clearance sprayer with 60-90' boom and 750 gallon tank equipped with GPS field mapping		0-5 gallons water/acre
1	MD31	4.00	L	Gallenberg hi-clearance sprayer with 120' boom		5 gallons water/acre
1	MD31	4.00	L	TM Hardy sprayer with 50' boom		5 gallons water/acre
1	MD31	4.25	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
1	MD31	4.30	L	Apache Plus SP 200hp hi-clearance sprayer with 60-90' boom and 750 gallon tank equipped with GPS field mapping		5-10 gallons water/acre
1	MD31	4.50	L	Apache Plus SP 200hp hi-clearance sprayer with 60-90' boom and 750 gallon tank equipped with GPS field mapping		10-15 gallons water/acre
1	MD31	4.50	L	FW Thrush, Ag Cat, Pawnee or Dromader aircraft		1 gallon water/acre; GPS equipped
1	MD31	4.50	L	Hagie hi-clearance sprayer		5 gallons water/acre
1	MD31	4.50	L	Ag-chem Rogator hi-clearance sprayer		15-20 gallons water/acre
1	MD31	5.00	L	TM Hardy sprayer		10 gallons water/acre
1	MD31	5.00	L	Rogator hi-clearance sprayer with 100' boom		5-10 gallons water/acre
1	MD31	5.00	L	FW Thrush, Ag Cat, Pawnee or Dromader aircraft		2 gallons water/acre; GPS equipped
1	MD31	5.50	L	FW Thrush, Ag Cat, Pawnee or Dromader aircraft		5 gallons water/acre; GPS equipped
1	MD31	5.50	L	FW Thrush, Ag Cat, Pawnee or Dromader aircraft		3 gallons water/acre; GPS equipped

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JD - John Deere Vers - Versatile Fwa - front wheel assist ac - acre hr - hour T - Tons

HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	MD31	4.00	G	Lor-al Air-max floater		
1	MD31	4.75	G	Lor-al Air-max floater		Dual application; with fertilizer
1	MD31	4.50-4.75	G	Lor-al floater		Dual application; with fertilizer
1	MD31	9.00	G	MF 4880 Tractor, Concept 2000 45' cultivator with air tank		Deep banding granular herbicide with fertilizer
1	2		G	PT Valmar	$1.00/ac	With purchase of product
1	2		G	PT Valmar 44' bar	$1.00/ac	With purchase of product
1	2	3.50	G	TM Valmar floater		Single application
1	2	4.00	G	Lor-al Air-max floater		
1	2	4.75	G	Lor-al Air-max floater		Dual application; with fertilizer
1	2	5.00	G	TM Valmar floater		Dual application; with fertilizer or seed
1	2	4.00	L	FW Cessna Ag Truck aircraft		1 gallon water/acre
1	2	4.00	L	Gallenberg Eagle hi-clearance sprayer with 120' boom		5 gallons water/acre
1	2	4.00	L	Gallenberg hi-clearance sprayer with 120' boom		5 gallons water/acre
1	2	4.00	L	TM Hardy sprayer with 5[illegible]' boom		5 gallons water/acre
1	2	4.00	L	Ag-Chem Rogator hi-clearance sprayer with 90' boom		5 gallons water/acre
1	2	4.00	L	Willmar Eagle hi-clearance sprayer		5 gallons water/acre
1	2	4.25	L	FW Cessna Ag Truck aircraft		2 gallons water/acre
1	2	4.50	L	Ag-Chem Rogator hi-clearance sprayer with 90' boom		10 gallons water/acre
1	2	4.50	L	FW 400 gallon tank aircraft		2 gallons water/acre
1	2	4.50	L	Willmar Eagle hi-clearance sprayer		10 gallons water/acre

L - liquid G - granular SP - self-propelled PT - pull-type TM - truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile Fwa - front wheel assist ac - acre hr - hour T - Tonne

HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	2	4.50	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
1	2	4.75	L	FW *Cessna* Ag Truck aircraft		4 gallons water/acre
1	2	5.00	L	Rogator hi-clearance sprayer with 100' boom		5-10 gallons water/acre
1	2	5.50	L	FW 400 gallon tank aircraft		5 gallons water/acre
1	2	5.50	L	FW 400 gallon tank aircraft		Pesticides
1	2	6.00	L	Willmar Eagle hi-clearance sprayer with 60' boom		10-20 gallons water/acre
1	2	6.00	L	Willmar Eagle hi-clearance sprayer		20 gallons water/acre
1	4		G	PT flexicoil Harrow (60 ft) with Valmar	$1.85/ac	
1	4		G	PT Nodet	$2.00/ac	With purchase of product
1	4		G	PT Degelman Strawmaster (50 ft) with Valmar	$2.50/ac	
1	4	4.00	G	Terrigator floater		
1	4	4.50	L,G	Lor-al floater		Dual application; with fertilizer
1	4	3.00	L	Tractor, PT boom sprayer with 64-82' boom		5-10 gallons water/acre
1	4	4.50	L	FW Thrush aircraft		2 gallons water/acre
1	4	4.50	L	Gator hi-clearance sprayer with 90' boom		5 gallons water; with purchase of product
1	4	4.50	L	FW 400 gallon tank aircraft		2 gallons water/acre
1	4	4.75	L	Gator hi-clearance sprayer with 90' boom		10 gallons water/acre; with purchase of product
1	4	4.75	L	FW *Cessna* 188 Ag Wagon		1 gallon water/acre; herbicide or pesticide
1	4	5.00	L	FW Airtractor AT401B or Thrush Ayres F2R with 400 US gallon tank		Herbicides; plus $0.75/ac for insecticides or fungicides; mixing chemicals for single application add $0.25/acre per additional chemical

L - liquid G - granular SP - self-propelled PT - pull-type TM - truck mounted FW - fixed wing aircraft
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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	4	5.00	L	Spray Air hi-clearance sprayer		5-10 gallons water/acre
1	4	5.25	L	FW Cessna 188 Ag Wagon		2 gallons water/acre; herbicide or pesticide
1	4	5.50-7.00	L	FW Thrush aircraft		10 gallons water/acre; depending on distance away
1	4	5.50	L	FW 400 gallon tank aircraft		5 gallons water/acre
1	4	5.50	L	FW 400 gallon tank aircraft		Pesticides
1	4	5.75	L	FW Cessna 188 Ag Wagon		3 gallons water/acre; herbicide or pesticide
1	4	6.00	L	Rogator or Spray Coup hi-clearance sprayer		5-20 gallons water/acre
1	4	6.00	L	Gator hi-clearance sprayer with 90' boom		20 gallons water/acre; with purchase of product
1	4	6.25	L	FW Cessna 188 Ag Wagon		4 gallons water/acre; herbicide or pesticide
1	5		G	PT Valmar with 50' bar	$1.25/ac	With purchase of product
1	5	3.00	G	Lor-al floater with 60' boom		
1	5	3.50	G	TM Valmar floater		Single application
1	5	4.00	G	Willmar floater		Dual application; large acreage; with fertilizer
1	5	4.50	G	Lor-al floater with 60' boom and 6 tonne tank		
1	5	5.00	G	Lor-al floater with 60' boom		Dual application; with fertilizer
1	5	5.00	G	Lor-al floater with 60' boom and 6 tonne tank		Dual application; with fertilizer
1	5	5.00	G	TM Valmar floater		Dual application; with fertilizer or seed
1	5	3.75-4.75	L	Ag-Chem Rogator 854 hi-clearance sprayer with 90' boom		5 gallons water/acre; depending on number of acres
1	5	4.00	L	FW Pawnee Piper aircraft		1 gallon water/acre

L - liquid G - granular SP - self-propelled PT - pull-type TM - truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile Fwa - front wheel assist ac - acre hr - hour T - Tonne

HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	5	4.00	L	Ag-Chem Rogator hi-clearance sprayer with 90' boom		5 gallons water/acre
1	5	4.00	L	FW Piper Brave PA36 aircraft with 280 gallon tank		1 gallon water/acre
1	5	4.50	L	Ag-Chem Rogator hi-clearance sprayer with 90' boom		10 gallons water/acre
1	5	4.50	L	FW Piper Brave PA36 aircraft with 280 gallon tank		2 gallons water/acre
1	5	4.50	L	Ag-Chem Rogator 854 hi-clearance sprayer with 90' boom		5-10 gallons water/acre
1	5	4.50	L	Willmar hi-clearance sprayer		10 gallons water/acre
1	5	4.75	L	FW Pawnee Piper aircraft		2 gallons water/acre
1	5	5.50	L	FW Pawnee Piper aircraft		4 gallons water/acre
1	5	6.00	L	Willmar hi-clearance sprayer		20-30 gallons water/acre
1	5	6.00	L	Willmar Eagle hi-clearance sprayer with 60' boom		10-20 gallons water/acre
1	8		G	PT Valmar with 45' bar 1000 lb tank	$0.75/ac	With purchase of product
1	8	2.50-3.50	G	TM Valmar floater with 60' boom		Depending on acreage and location of field
1	8	4.50	G	Lor-al floater		
1	8	4.50	G	Lor-al floater		
1	8	5.00	G	Lor-al floater		Dual application; with fertilizer
1	8	5.00	G	Ag-Chem 1844 floater with 60' boom 6 tonne tank		Dual application; with fertilizer
1	8	3.50	L	Willmar Eagle hi-clearance sprayer		5 gallons water/acre
1	8	4.00	L	Willmar Eagle hi-clearance sprayer		5-10 gallons water/acre
1	8	4.00	L	FW Piper Brave PA36 aircraft with 280 gallon tank		1 gallon water/acre

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JD - John Deere Vers - Versatile Fwa - front wheel assist ac - acre hr - hour T - Tonne

HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	8	4.50	L	FW Piper Brave PA36 aircraft with 280 gallon tank		2 gallons water/acre
1	8	4.50	L	Willmar hi-clearance sprayer		20 gallons water/acre
1	8	5.00	L	FW Airtractor AT401B or Thrush Ayres F2R with 400 US gallon tank		Herbicides; plus $0.75/ac for insecticides or fungicides; mixing chemicals for single application add $0.25/acre per additional chemical
1	8	5.00	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
1	8	5.00	L	Willmar Eagle hi-clearance sprayer		15 gallons water/acre
1	8	6.00	L	Ag-Chem 854 hi-clearance sprayer with 90' boom & G.P.S.		5 gallons water/acre
1	8	9.00	L	Ag-Chem 854 hi-clearance sprayer with 90' boom & G.P.S.		30 gallons water/acre; pesticide
1	16		G	PT light duty harrows with Valmar box	$1.75/ac	
1	16		G	PT heavy duty harrows (50 ft) with Valmar	$1.75/ac	Minimum $350/day; with purchase of product
1	16		G	PT 50' heavy harrows with Valmar box	$1.75/ac	Minimum $375/day
1	16		G	PT flexicoil Harrow (60 ft) with Valmar	$1.85/ac	
1	16		G	PT heavy duty harrows with Valmar box	$2.50/ac	
1	16		G	PT Degelman Strawmaster (50 ft) with Valmar	$2.50/ac	
1	16	2.35	G	Valmar on 1 ton truck with 60' boom		
1	16	4.00	G	Lor-al Air-max floater		
1	16	4.50	G	Lor-al or Terrigator floater		Dual application; with fertilizer or seed
1	16	4.50-5.00	G	Terrigator Airflow or Airmax floaters		Dual application; with fertilizer or seed
1	16	4.75	G	Lor-al Air-max floater		Dual application; with fertilizer

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JD - John Deere Vers - Versatile Fwa - front wheel assist ac - acre hr - hour T - Tonne

HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	16	4.00	L	TM Hardy sprayer with 50' boom		5 gallons water/acre
1	16	4.00	L	Apache Plus SP 200hp hi-clearance sprayer with 60-90' boom and 750 gallon tank equipped with GPS field mapping		0-5 gallons water/acre
1	16	4.00	L	FW Air Tractor aircraft		1 gallon water/acre
1	16	4.00	L	Hagie hi-clearance sprayer with 60' or 90' boom or TM Ag Shield sprayer with 60' boom		Under 20 gallons water/acre
1	16	4.00-4.25	L	Ag-Chem Rogator hi-clearance sprayer with 90' boom		5 gallons water/acre
1	16	4.00-6.00	L	Ag-Chem Rogator hi-clearance sprayer		0-20 gallons water/acre
1	16	4.25	L	Hagie hi-clearance sprayer		5-10 gallons water/acre
1	16	4.25	L	Hagie hi-clearance sprayer		10 gallons water/acre
1	16	4.30	L	Apache Plus SP 200hp hi-clearance sprayer with 60-90' boom and 750 gallon tank equipped with GPS field mapping		5-10 gallons water/acre
1	16	4.50	L	FW Air Tractor aircraft		2 gallons water/acre
1	16	4.50	L	FW Thrush aircraft		1 gallon water/acre
1	16	4.50	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
1	16	4.50	L	FW 400 gallon tank aircraft		2 gallons water/acre
1	16	4.50	L	Apache Plus SP 200hp hi-clearance sprayer with 60-90' boom and 750 gallon tank equipped with GPS field mapping		10-15 gallons water/acre
1	16	4.50	L	Spray Coup hi-clearance sprayer		5-10 gallons water/acre
1	16	4.50	L	FW Cessna Ag Wagon aircraft		1 gallon water/acre
1	16	4.50	L	Gator hi-clearance sprayer with 90' boom		5 gallons water/acre; with purchase of product
1	16	4.75	L	Gator hi-clearance sprayer with 90' boom		10 gallons water/acre; with purchase of product
1	16	4.75	L	FW Air Tractor aircraft		3 gallons water/acre
1	16	4.75	L	FW Cessna 188 Ag Wagon		1 gallon water/acre; herbicide or pesticide

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JD - John Deere Vers - Versatile Fwa - front wheel assist ac - acre hr - hour T - Tonne

HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	16	5.00	L	FW Air Tractor aircraft		4 gallons water/acre
1	16	5.00	L	FW Thrush aircraft		2 gallons water/acre
1	16	5.00	L	Rogator hi-clearance sprayer with 100' boom		5-10 gallons water/acre
1	16	5.00	L	Spray Coup hi-clearance sprayer		20 gallons water/acre
1	16	5.00	L	FW Cessna Ag Wagon aircraft		2 gallons water/acre
1	16	5.25	L	FW Cessna 188 Ag Wagon		2 gallons water/acre; herbicide or pesticide
1	16	5.25	L	Hagie hi-clearance sprayer with 60' or 90' boom or TM Ag Shield sprayer with 60' boom		Over 20 gallons water/acre
1	16	5.50	L	FW 400 gallon tank aircraft		5 gallons water/acre
1	16	5.50	L	FW Thrush aircraft		4 gallons water/acre
1	16	5.50	L	FW Cessna Ag Wagon aircraft		3 gallons water/acre
1	16	5.50	L	FW 400 gallon tank aircraft		Pesticides
1	16	5.75	L	FW Cessna 188 Ag Wagon		3 gallons water/acre; herbicide or pesticide
1	16	6.00	L	Gator hi-clearance sprayer with 90' boom		20 gallons water/acre; with purchase of product
1	16	6.00	L	FW Cessna Ag Wagon aircraft		4 gallons water/acre
1	16	6.00	L	FW Thrush aircraft		5 gallons water/acre
1	16	6.25	L	FW Cessna 188 Ag Wagon		4 gallons water/acre; herbicide or pesticide
1	26		G	PT Valmar with 50' bar	$1.25/ac	With purchase of product
1	26		G	PT Valmar	$2.00/ac	Without purchase of product
1	26	3.75-4.75	L	Ag-Chem Rogator 854 hi-clearance sprayer with 90' boom		5 gallons water/acre; depending on number of acres
1	26	3.50	L	Willmar hi-clearance sprayer		5 gallons water/acre

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	26	4.00	L	Willmar Eagle hi-clearance sprayer		5 gallons water/acre
1	26	4.00	L	Ag-chem Rogator hi-clearance sprayer		5 gallons water/acre
1	26	4.00	L	Willmar hi-clearance sprayer		10-15 gallons water/acre
1	26	4.00	L	Ag-Chem Rogator hi-clearance sprayer with 90' boom		5 gallons water/acre
1	26	4.00	L	FW Pawnee Piper PA235 aircraft		1 gallon water/acre
1	26	4.00	L	Flexicoil cultivator with 100' boom sprayer		10 gallons water
1	26	4.50	L	Ag-chem Rogator hi-clearance sprayer		5 gallons water/acre
1	26	4.50	L	Willmar Eagle hi-clearance sprayer		10 gallons water/acre
1	26	4.50	L	Ag-Chem Rogator hi-clearance sprayer with 90' boom		10 gallons water/acre
1	26	4.50	L	Ag-Chem Rogator 854 hi-clearance sprayer with 90' boom		5-10 gallons water/acre
1	26	4.75	L	FW Pawnee Piper PA235 aircraft		2 gallons water/acre
1	26	5.00	L	Ag-chem Rogator hi-clearance sprayer		10 gallons water/acre
1	26	5.50-6.00	L	FW Pawnee Piper PA235 aircraft		4 gallons water/acre
1	26	6.00	L	Ag-chem Rogator hi-clearance sprayer		20 gallons water/acre
1	26	6.00	L	Willmar Eagle hi-clearance sprayer with 60' boom		10-20 gallons water/acre
1	26	3.00	G	Lor-al floater with 60' boom		
1	26	3.50	G	TM Valmar floater		Single application
1	26	4.50	G	Ag-Chem Terrigator floater		
1	26	4.50	G	Lor-al floater with 60' boom and 6 tonne tank		
1	26	5.00	G	Lor-al floater with 60' boom and 6 tonne tank		Dual application; with fertilizer
1	26	5.00	G	Lor-al floater		Dual application; with fertilizer

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
1	26	5.00	G	Terrigator floater		Dual application; with fertilizer
1	26	5.00	G	Lor-al floater with 60' boom		Dual application; with fertilizer
1	26	5.00	G	TM Valmar floater		Dual application; with fertilizer or seed
1	26	5.50	G	Lor-al floater		Dual application; with fertilizer
2	Calgary	5.00	L	FW Pawnee Piper 235-25 aircraft		1 gallon water/acre
2	Lacombe		G	PT Valmar	$1.50/ac	With purchase of product
2	Lacombe		G	PT 55' heavy harrows with Valmar kit	$2.50/ac	For seeding canola with granular herbicide
2	Lacombe	4.00	G	Tyler floater		
2	Lacombe	4.75	G	Tyler floater		Dual application; with fertilizer
2	Lacombe	5.00-5.50	G	Terrigator floater		Dual application; with fertilizer
2	Lacombe	4.00	L	Tyler Patriot 150 hi-clearance sprayer		5 gallons water/acre
2	Lacombe	4.00-4.25	L	Tyler Patriot hi-clearance sprayer with 70' boom or Ag-Chem Rogator hi-clearance sprayer with 90' boom		Under 10 gallons water/acre
2	Lacombe	4.00-4.50	L	Tyler Patriot wide-track hi-clearance sprayer		Under 10 gallons water/acre
2	Lacombe	4.50	L	Tyler Patriot hi-clearance sprayer		5-10 gallons water/acre
2	Lacombe	4.50	L	Tyler Patriot 150 hi-clearance sprayer		10 gallons water/acre
2	Lacombe	5.00-5.50	L	Tyler Patriot wide-track hi-clearance sprayer		15-20 gallons water/acre
2	Lacombe	5.50	L	Tyler Patriot hi-clearance sprayer		20 gallons water/acre
2	Lacombe	6.00	L	Tyler Patriot wide track hi-clearance sprayer		Corn; 5-10 gallons water/acre
2	Lacombe	6.00-6.25	L	Tyler Patriot hi-clearance sprayer with 70' boom or Ag-Chem Rogator hi-clearance sprayer with 90' boom		11-20 gallons water/acre

L - liquid G - granular SP - self-propelled PT - pull-type TM - truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile Fwa - front wheel assist ac - acre hr - hour T - Tonne

HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	MD7		G	PT heavy duty harrows (50 ft) with Valmar	$1.75/ac	Minimum $350/day; with purchase of product
2	MD7		G	PT 50' heavy harrows with Valmar box	$1.75/ac	Minimum $375/day
2	MD7	2.35	G	Valmar on 1 ton truck with 60' boo.		
2	MD7	4.00	L	Hagie hi-clearance sprayer with 60' or 90' boom or TM Ag Shield sprayer with 60' boom		Under 20 gallons water/acre
2	MD7	5.25	L	Hagie hi-clearance sprayer with 60' or 90' boom or TM Ag Shield sprayer with 60' boom		Over 20 gallons water/acre
2	MD44		G	PT Valmar	$0.50/ac	With purchase of product
2	MD44		G	PT Flexicoil with harrow bar and Valmar box	$1.75/ac	With purchase of product
2	MD44		G	PT heavy duty harrows (50 ft) with Valmar	$1.75/ac	Minimum $350/day; with purchase of product
2	MD44		G	PT Flexicoil with harrow bar and Valmar box	$1.75/ac	With purchase of product
2	MD44		G	PT 50' heavy harrows with Valmar box	$1.75/ac	Minimum $375/day
2	MD44		G	PT flexicoil Harrow (60 ft) with Valmar	$1.85/ac	
2	MD44		G	PT Degelman Field Master	$2.50/ac	With purchase of product
2	MD44		G	PT Degelman Strawmaster (50 ft) with Valmar	$2.50/ac	
2	MD44		G	PT Valmar	$100/day	With purchase of product
2	MD44	4.00	L	Hagie hi-clearance sprayer		5-7 gallons water/acre
2	MD44	4.00	L	Hagie hi-clearance sprayer with 60' or 90' boom or TM Ag Shield sprayer with 60' boom		Under 20 gallons water/acre
2	MD44	4.00	L	Apache Plus SP 200hp hi-clearance sprayer with 60-90' boom and 750 gallon tank equipped with GPS field mapping		0-5 gallons water/acre

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	MD44	4.00	L	TM Hardy sprayer with 50' boom		5 gallons water/acre
2	MD44	4.25	L	Ag-chem Rogator hi-clearance sprayer		5 gallons water/acre
2	MD44	4.30	L	Apache Plus SP 200hp hi-clearance sprayer with 60-90' boom and 750 gallon tank equipped with GPS field mapping		5-10 gallons water/acre
2	MD44	4.50	L	Spray Coup with 50' boom		5-10 gallons water/acre
2	MD44	4.50	L	Hagie hi-clearance sprayer		10 gallons water/acre
2	MD44	4.50	L	Apache Plus SP 200hp hi-clearance sprayer with 60-90' boom and 750 gallon tank equipped with GPS field mapping		10-15 gallons water/acre
2	MD44	4.50	L	Gator hi-clearance sprayer with 90' boom		5 gallons water/acre; with purchase of product
2	MD44	4.75	L	FW Cessna 188 Ag Wagon		1 gallon water/acre; herbicide or pesticide
2	MD44	4.75	L	Ag-chem Rogator hi-clearance sprayer		10 gallons water/acre
2	MD44	4.75	L	Gator hi-clearance sprayer with 90' boom		10 gallons water/acre; with purchase of product
2	MD44	5.00	L	Hagie hi-clearance sprayer		15-20 gallons water/acre
2	MD44	5.25	L	Hagie hi-clearance sprayer with 60' or 90' boom or TM Ag Shield sprayer with 60' boom		Over 20 gallons water/acre
2	MD44	5.25	L	FW Cessna 188 Ag Wagon		2 gallons water/acre; herbicide or pesticide
2	MD44	5.50	L	Ag-chem Rogator hi-clearance sprayer		20 gallons water/acre
2	MD44	5.75	L	FW Cessna 188 Ag Wagon		3 gallons water/acre; herbicide or pesticide
2	MD44	6.00	L	Gator hi-clearance sprayer with 90' boom		20 gallons water/acre; with purchase of product
2	MD44	6.25	L	FW Cessna 188 Ag Wagon		4 gallons water/acre; herbicide or pesticide
2	MD44	2.35	G	Valmar on 1 ton truck with 60' boom		
2	MD44	4.00	G	TM Valmar dual box floater		
2	MD44	4.00	G	Lor-al Air-max floater		

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	MD44	4.50	G	Lor-al floater		Dual application; with fertilizer
2	MD44	4.75	G	Lor-al Air-max floater		Dual application; with fertilizer
2	MD47		G	PT Valmar 240	$1.00/ac	With purchase of product
2	MD47	4.00	L	Hagie hi-clearance sprayer		5-10 gallons water/acre
2	MD48		G	PT Valmar	$1.00/ac	With purchase of product
2	MD48		G	PT 50' heavy harrows with Valmar box	$1.75/ac	Minimum $375/day
2	MD48		G	PT heavy duty harrows (50 ft) with Valmar	$1.75/ac	Minimum $350/day; with purchase of product
2	MD48		G	PT 50' heavy harrows with Valmar box	$2.25/ac	Minimum $375/day
2	MD48	2.35	G	Valmar on 1 ton truck with 60' boom		
2	MD48	2.75	G	TM Valmar		
2	MD48	3.00	G	TM Valmar		
2	MD48	4.50	G	Lor-al floater with 50' boom		Dual application; with fertilizer
2	MD48	4.75	G	Terrigator floater		Dual application; with fertilizer
2	MD48	3.50	L	Spray Coup 4640 hi-clearance sprayer with 60' boom		5 gallons water/acre
2	MD48	4.00	L	Hi-clearance sprayer		5 gallons water/acre
2	MD48	4.00	L	Hagie hi-clearance sprayer with 60' or 90' boom or TM Ag Shield sprayer with 60' boom		Under 20 gallons water/acre
2	MD48	4.00	L	Ag-chem Rogator hi-clearance sprayer		10 gallons water/acre
2	MD48	4.00-4.25	L	Tyler Patriot hi-clearance sprayer with 70' boom or Ag-Chem Rogator hi-clearance sprayer with 90' boom		Under 10 gallons water/acre
2	MD48	4.00-4.50	L	Hagie hi-clearance sprayer		5-10 gallons water/acre

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	MD48	4.25	L	Ag-chem Rogator hi-clearance sprayer		5 gallons water/acre
2	MD48	4.25	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
2	MD48	4.50	L	FW 400 gallon tank aircraft		2 gallons water/acre
2	MD48	4.75	L	Ag-chem Rogator hi-clearance sprayer		20 gallons water/acre
2	MD48	5.00	L	Hagie hi-clearance sprayer		20 gallons water/acre
2	MD48	5.00	L	Hagie hi-clearance sprayer		20 gallons water/acre
2	MD48	5.25	L	Hagie hi-clearance sprayer with 60' or 90' boom or TM Ag Shield sprayer with 60' boom		Over 20 gallons water/acre
2	MD48	5.50	L	FW 400 gallon tank aircraft		5 gallons water/acre
2	MD48	5.50	L	FW 400 gallon tank aircraft		Pesticides
2	MD48	6.00-6.25	L	Tyler Patriot hi-clearance sprayer with 70' boom or Ag-Chem Rogator hi-clearance sprayer with 90' boom		11-20 gallons water/acre
2	SA2		G	PT Valmar 240	$1.00/ac	With purchase of product
2	SA3		G	PT Valmar 240	$1.00/ac	With purchase of product
2	SA3	4.00	G	Tractor, Valmar applicator on 55' Rite-way cultivator with heavy harrows behind		
2	SA4	4.50	G	Ag-Chem Terrigator floater with 60' boom		Dual application; with fertilizer
2	SA4	3.25	L	Spray Coup hi-clearance sprayer		3 gallons water/acre
2	3		G	PT Valmar	$1.00/ac	With purchase of product

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	3	4.50	G	Tyler air flow floater		Dual application; with fertilizer
2	3	4.00	L	Tyler Patriot 150 hi-clearance sprayer		5 gallons water/acre
2	3	4.00	L	Tyler Patriot hi-clearance sprayer		5-8 gallons water/acre
2	3	4.00-5.00	L	Willmar hi-clearance sprayer		5-20 gallons water/acre
2	3	4.25	L	Tyler Patriot hi-clearance sprayer		5-10 gallons water/acre
2	3	4.50	L	Tyler Patriot 150 hi-clearance sprayer		10 gallons water/acre
2	3	4.50	L	Tyler Patriot hi-clearance sprayer		10 gallons water/acre
2	3	5.00	L	Tyler Patriot hi-clearance sprayer		20 gallons water/acre
2	3	5.00	L	Ag-chem Rogator hi-clearance sprayer		10 gallons water/acre
2	3	5.50	L	Tyler Patriot hi-clearance sprayer		20 gallons water/acre
2	3	6.00	L	Tyler Patriot wide track hi-clearance sprayer		Corn; 5-10 gallons water/acre
2	3	6.00	L	Tyler Patriot hi-clearance sprayer		20 gallons water/acre
2	3	$210/hr	L	Willmar hi-clearance sprayer		Pasture spraying
2	6	4.00	G	Tyler floater		Single application
2	6	4.25	G	Lor-al floater		Single application
2	6	4.50	G	Lor-al floater		Dual application; with fertilizer
2	6	4.50	G	Tyler floater		Dual application; with fertilizer
2	6	4.00-4.25	L	Tyler Patriot hi-clearance sprayer with 70' boom or Ag-Chem Rogator hi-clearance sprayer with 90' boom		Under 10 gallons water/acre
2	6	6.00-6.25	L	Tyler Patriot hi-clearance sprayer with 70' boom or Ag-Chem Rogator hi-clearance sprayer with 90' boom		11-20 gallons water/acre

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	17		G	PT heavy duty harrows (50 ft) with Valmar	$1.75/ac	Minimum $350/day; with purchase of product
2	17		G	PT 50' heavy harrows with Valmar box	$1.75/ac	Minimum $375/day
2	17		G	PT 50' heavy harrows with Valmar box	$2.00/ac	
2	17		G	PT 50' Degelman harrowbar with Valmar	$2.00/ac	With purchase of product
2	17		G	PT heavy duty harrows with Valmar box	$3.75/ac	
2	17	2.35	G	Valmar on 1 ton truck with 60' boom		
2	17	4.00	G	Terrigator floater		Single application
2	17	4.00	G	Tyler floater		Single application
2	17	4.25	G	Tyler floater		Single application
2	17	4.50	G	Lor-al floater with 50' boom		Dual application; with fertilizer
2	17	4.75	G	Terrigator floater		Dual application; with fertilizer
2	17	5.00	G	Ag-Chem Terrigator floater with 80' boom and 2 tonne tank		Dual application; with fertilizer
2	17	5.00	G	Tyler floater		Dual application; with fertilizer
2	17	5.00	G	Ag-Chem floater		Dual application; with fertilizer
2	17	5.00	G	Ag-Chem Terrigator floater		Dual application; with fertilizer
2	17	4.00	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
2	17	4.00	L	Flexicoil 60' boom sprayer		5 gallons water/acre
2	17	4.00	L	Hagie hi-clearance sprayer with 60' or 90' boom or TM Ag Shield sprayer with 60' boom		Under 20 gallons water/acre
2	17	4.00	L	Rogator or Hagie hi-clearance sprayer		5-10 gallons water/acre
2	17	4.00	L	Rogator or Patriot hi-clearance sprayer		5-10 gallons water/acre

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	17	4.00-4.25	L	Tyler Patriot hi-clearance sprayer with 70' boom or Ag-Chem Rogator hi-clearance sprayer with 90' boom		Under 10 gallons water/acre
2	17	4.00-5.00	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
2	17	4.25	L	Tyler Patriot hi-clearance sprayer		5-10 gallons water/acre
2	17	4.50	L	FW 400 gallon tank aircraft		2 gallons water/acre
2	17	4.50	L	Flexicoil 60' boom sprayer		10 gallons water/acre
2	17	5.00	L	Rogator or Patriot hi-clearance sprayer		20 gallons water/acre
2	17	5.00	L	Ag-chem Rogator hi-clearance sprayer		20 gallons water/acre
2	17	5.25	L	Hagie hi-clearance sprayer with 60' or 90' boom or TM Ag Shield sprayer with 60' boom		Over 20 gallons water/acre
2	17	5.50	L	FW 400 gallon tank aircraft		5 gallons water/acre
2	17	5.50	L	FW 400 gallon tank aircraft		Pesticides
2	17	6.00	L	Rogator or Hagie hi-clearance sprayer		11-20 gallons water/acre
2	17	6.00-6.25	L	Tyler Patriot hi-clearance sprayer with 70' boom or Ag-Chem Rogator hi-clearance sprayer with 90' boom		11-20 gallons water/acre
2	23		G	PT 55' heavy harrows with Valmar kit	$2.50/ac	For seeding canola with granular herbicide
2	23		G	PT Valmar	$100/day	
2	23		G	PT heavy harrows with Valmar box	$425/day	
2	23	4.00	G	Terrigator floater		Single application
2	23	4.50	G	Lor-al floater		Dual application; with fertilizer
2	23	4.75	G	Tyler floater		Dual application; with fertilizer
2	23	5.00-5.50	G	Terrigator floater		Dual application; with fertilizer

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	23	4.00	L	Tractor, air assist ground sprayer with 80' boom		2-3 gallons water/acre
2	23	4.00	L	Ag-chem Rogator hi-clearance sprayer		5 gallons water/acre
2	23	4.00-4.25	L	Tyler Patriot hi-clearance sprayer with 70' boom or Ag-Chem Rogator hi-clearance sprayer with 90' boom		Under 10 gallons water/acre
2	23	4.00-4.50	L	Tyler Patriot wide-track hi-clearance sprayer		Under 10 gallons water/acre
2	23	4.25	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
2	23	4.25	L	Tyler Patriot hi-clearance sprayer		5 gallons water/acre
2	23	4.25	L	Tyler Patriot hi-clearance sprayer		5-10 gallons water/acre
2	23	4.50	L	Ag-chem Rogator hi-clearance sprayer		10 gallons water/acre
2	23	4.50	L	Tyler Patriot hi-clearance sprayer		10 gallons water/acre
2	23	4.50	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
2	23	4.75	L	Tyler Patriot hi-clearance sprayer		10-20 gallons water/acre
2	23	4.75	L	Ag-Chem Rogator with 90' boom		5-10 gallons water/acre
2	23	5.00	L	Ag-chem Rogator hi-clearance sprayer		15 gallons water/acre
2	23	5.00	L	Ag-chem Rogator hi-clearance sprayer		20 gallons water/acre
2	23	5.00	L	Ag-Chem Rogator with 90' boom		Top dressing crops
2	23	5.00-5.50	L	Tyler Patriot wide-track hi-clearance sprayer		15-20 gallons water/acre
2	23	5.00-7.00	L	Ag-chem Rogator hi-clearance sprayer		Pasture spray; high volume water; rough terrain
2	23	5.50	L	Ag-Chem Terrigator liquid floater with 70' boom		Dual application; with liquid herbicide
2	23	5.50	L	Tyler Patriot hi-clearance sprayer		20 gallons water/acre
2	23	6.00-6.25	L	Tyler Patriot hi-clearance sprayer with 70' boom or Ag-Chem Rogator hi-clearance sprayer with 90' boom		11-20 gallons water/acre

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
2	23	$125/hr	L	Ag-Chem Rogator with 90' boom		Spraying on pasture reclamation
3	MD52		G	Cultivator with Valmar box	$2.00/ac	With purchase of product
3	MD52	4.00	G	Lor-al or Terrigator floater		Single application
3	MD52	4.00	G	Tractor, Valmar applicator on 55' Rite-way cultivator with heavy harrows behind		
3	MD52	4.50	G	Lor-al or Terrigator floater		Dual application; with fertilizer
3	MD52	4.00	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
3	MD52	4.00	L	TM Hardy sprayer with 50' boom		5 gallons water/acre
3	MD52	4.50	L	Ag-chem Rogator hi-clearance sprayer		Over 10 gallons water/acre
3	MD61		G	PT 50' heavy harrows with Valmar kit	$4.50/ac	
3	MD61	4.00	L	Ag-Chem Rogator 1254 hi-clearance sprayer with 100' boom & G.P.S.		5 gallons water/acre
3	MD61	4.00	L	SP JD 4710 hi-clearance sprayer with 90' boom		5 gallons water/acre; with purchase of product
3	MD61	4.50	L	SP JD 4710 hi-clearance sprayer with 90' boom		5 gallons water/acre; WITHOUT purchase of product
3	MD87	4.25	L	SP JD 4700 ground sprayer with 90' boom		5 gallons water/acre
3	MD87	4.75	L	SP JD 4700 ground sprayer with 90' boom		10 gallons water/acre
3	MD87	5.25	L	SP JD 4700 ground sprayer with 90' boom		15 gallons water/acre
3	9		G	PT Valmar with 40' bar	$0.75/ac	With purchase of product
3	9		G	PT Valmar	$1.00/ac	With purchase of product
3	9		G	PT Valmar with 1.5 tonne tank	$1.00/ac	With purchase of product

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
3	9	4.25	G	Lor-al floater with 60' boom		Single application
3	9	4.50	G	Terrigator floater		Dual application; with fertilizer
3	9	4.50	G	Lor-al floater with 60' boom		Dual application; with fertilizer
3	9	5.00	G	Terrigator 1803 floater 3-wheel air boom		Dual application; with fertilizer
3	9	4.00	L	SP Spray Coup with 60' boom		5-10 gallons water/acre
3	9	4.00	L	Ag-Chem Rogator hi-clearance sprayer with 90' boom		5 gallons water/acre
3	9	4.25	L	SP JD 4700 ground sprayer with 90' boom & G.P.S.		5 gallons water/acre
3	9	4.25	L	Ag-Chem Rogator hi-clearance sprayer 80' or 90' boom		5-10 gallons water/acre
3	9	4.50	L	Maverick hi-clearance sprayer with 90' boom		5-10 gallons water/acre
3	9	4.50	L	SP JD 4700 ground sprayer with 90' boom & G.P.S.		10 gallons water/acre
3	9	4.75	L	SP JD 4700 ground sprayer with 90' boom & G.P.S.		20 gallons water/acre
3	9	5.00	L	Ag-Chem Rogator hi-clearance sprayer 80' or 90' boom		Over 10 gallons water/acre
3	13	4.00	L	Rogator or Ford hi-clearance sprayers		5-10 gallons water/acre
3	13	4.25	L	SP JD 4700 ground sprayer with 90' boom		5 gallons water/acre
3	13	4.75	L	SP JD 4700 ground sprayer with 90' boom		10 gallons water/acre
3	13	5.25	L	SP JD 4700 ground sprayer with 90' boom		15 gallons water/acre
3	19		G	Harrow draw bar with Valmar box	$2.50/ac	With purchase of product
3	19	4.50	G	Terrigator floater		Dual application; with fertilizer

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Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
3	19	4.25	L	John Deere hi-clearance sprayer		5 gallons water/acre
3	19	4.25	L	SP JD 4700 ground sprayer with 90' boom		5 gallons water/acre
3	19	4.50	L	John Deere hi-clearance sprayer		10 gallons water/acre
3	19	4.75	L	SP JD 4700 ground sprayer with 90' boom		10 gallons water/arre
3	19	5.25	L	SP JD 4700 ground sprayer with 90' boom		15 gallons water/acre
3	19	5.50	L	John Deere hi-clearance sprayer		20 gallons water/acre
3	21		G	PT Valmar with 40' bar	$0.75/ac	With purchase of product
3	21	4.00	L	TM sprayer with 60' boom		5-10 gallons water/acre
3	21	4.00	L	Ag-Chem Rogator hi-clearance sprayer with 90' boom		5 gallons water/acre
3	21	4.00	L	Ag-Chem Rogator 856 hi-clearance sprayer with 90' boom		0-10 gallons water/acre; with purchase of product
3	21	4.25	L	SP JD 4700 ground sprayer with 90' boom		5 gallons water/acre
3	21	4.25	L	Ag-Chem Rogator 856 hi-clearance sprayer with 90' boom		0-10 gallons water/acre; WITHOUT purchase of product
3	21	4.75	L	SP JD 4700 ground sprayer with 90' boom		10 gallons water/acre
3	21	5.25	L	SP JD 4700 ground sprayer with 90' boom		15 gallons water/acre
3	22		G	PT Valmar	$1.00/ac	With purchase of product
3	22		G	PT Valmar with 1.5 tonne tank	$1.00/ac	With purchase of product
3	22	4.25	G	Lor-al floater with 60' boom		Single application
3	22	4.50	G	Terrigator floater		Dual application; with fertilizer
3	22	4.50	G	Lor-al floater with 60' boom		Dual application; with fertilizer

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Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
3	22	4.00	L	Willmar Eagle hi-clearance sprayer		5-10 gallons water/acre
3	22	4.00	L	Ag-chem Rogator hi-clearance sprayer		5 gallons water/acre; over 140 acres
3	22	4.00	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
3	22	4.25	L	Willmar hi-clearance sprayer		5 gallons water/acre
3	22	4.25	L	Ag-Chem Rogator hi-clearance sprayer 80' or 90' boom		5-10 gallons water/acre
3	22	4.50	L	Ag-chem Rogator hi-clearance sprayer		20 gallons water/acre
3	22	4.50	L	Willmar Eagle hi-clearance sprayer		20 gallons water/acre
3	22	4.50	L	Ag-chem Rogator hi-clearance sprayer		10-20 gallons water/acre; over 140 acres
3	22	4.50-5.00	L	Willmar hi-clearance sprayer		20 gallons water/acre
3	22	5.00	L	Ag-chem Rogator hi-clearance sprayer		5 gallons water/acre; 60-140 acres
3	22	5.00	L	Willmar hi-clearance sprayer		10 gallons water/acre
3	22	5.00	L	Ag-Chem Rogator hi-clearance sprayer 80' or 90' boom		Over 10 gallons water/acre
3	22	5.50	L	Ag-chem Rogator hi-clearance sprayer		10-20 gallons water/acre; 60-140 acres
3	22	6.00	L	Willmar hi-clearance sprayer		20 gallons water/acre
3	22	$350+/Field	L	Ag-chem Rogator hi-clearance sprayer		5 gallons water/acre; under 60 acres
3	22	$480+/Field	L	Ag-chem Rogator hi-clearance sprayer		10-20 gallons water/acre; under 60 acres
3	24	4.50	G	Lor-al floater		Dual application; with fertilizer
3	24	4.00	L	Willmar Eagle hi-clearance sprayer		5-10 gallons water/acre
3	24	4.00	L	Ag-Chem Rogator 856 hi-clearance sprayer with 90' boom		0-10 gallons water/acre; with purchase of product

L - liquid G - granular SP - self-propelled PT - pull-type TM - truck mounted FW - fixed wing aircraft
JD - John Deere Vers - Versatile Fwa - front wheel assist ac - acre hr - hour T - Tonne

HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
3	24	4.25	L	Rogator or Patriot hi-clearance sprayer		5-10 gallons water/acre
3	24	4.25	L	Ag-Chem Rogator 856 hi-clearance sprayer with 90' boom		0-10 gallons water/acre; WITHOUT purchase of product
3	24	4.50	L	FW Thrush or Cessna 188B aircraft		1 gallon water/acre
3	24	4.50	L	Tyler Patriot hi-clearance sprayer		5-10 gallons water/acre
3	24	5.00	L	FW Thrush or Cessna 188B aircraft		2 gallons water/acre
3	24	5.50	L	Tyler Patriot hi-clearance sprayer		20 gallons water/acre
3	24	5.50	L	FW Thrush or Cessna 188B aircraft		3 gallons water/acre
3	27		G	PT Valmar with 40' bar	$0.75/ac	With purchase of product
3	27	3.25	L	SP Spray Coup with 50' boom		
3	27	3.75	L	Shop built 4wd truck converted to sprayer		5 gallons water/acre
3	27	4.00	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
3	27	4.00	L	Walker 44 hi-clearance sprayer		5-10 gallons water/acre
3	27	4.00	L	Ag-Chem Rogator hi-clearance sprayer with 90' boom		5 gallons water/acre
3	29		G	PT Valmar with 1.5 tonne tank	$1.00/ac	With purchase of product
3	29	4.00	G	Tractor, Valmar applicator on 55' Rite-way cultivator with heavy harrows behind		
3	29	4.25	G	Lor-al floater with 60' boom		Single application
3	29	4.50	G	Lor-al floater with 60' boom		Dual application; with fertilizer
3	29	4.00	L	Hagie hi-clearance sprayer		5-10 gallons water/acre
3	29	4.00	L	Hi-clearance sprayer		5-10 gallons water/acre

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
3	29	4.00-4.50	L	FW Pawnee aircraft		1-2 gallons water/acre
3	29	4.25	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
3	29	4.25	L	Ag-Chem Rogator hi-clearance sprayer 80' or 90' boom		5-10 gallons water/acre
3	29	4.50	L	FW Witherly aircraft		1 gallon water/acre
3	29	4.50	L	FW Weatherly 620B aircraft		2 gallons water/acre
3	29	4.50	L	Hi-clearance sprayer		20 gallons water/acre
3	29	4.50-5.50	L	FW Pawnee aircraft		4 gallons water/acre
3	29	5.00	L	Ag-Chem Rogator hi-clearance sprayer 80' or 90' boom		Over 10 gallons water/acre
3	29	5.00	L	FW Witherly aircraft		2 gallons water/acre
3	29	5.50	L	FW Witherly 620B aircraft		2-4 gallons water/acre
3	29	6.00	L	FW Witherly 620B aircraft		5 gallons water/acre
3	29	6.50	L	FW Witherly aircraft		5 gallons water/acre
3	30		G	PT Valmar with 40' bar	$0.75/ac	With purchase of product
3	30	3.25	L	SP Spray Coup with 50' boom		
3	30	4.00	L	Ag-Chem Rogator hi-clearunce sprayer with 90' boom		5 gallons water/acre
3	30	4.00	L	Compuspray ground sprayer with 60' boom		Under 5 gallons water/acre
4	MD90		G	PT Valmar	$1.00/ac	With purchase of product
4	MD90		G	PT Valmar	$1.25/ac	With purchase of product
4	MD90		G	PT Valmar	$1.50/ac	WITHOUT purchase of product

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
4	MD90	4.00-4.50	G	Terrigator floater		
4	MD90	4.50	G	Terrigator floater		Dual application; with fertilizer
4	MD90	4.50	G	Terrigator Air-max floater		Dual application; with fertilizer
4	MD90	4.00	L	JD hi-clearance sprayer		Over 500 acres
4	MD90	4.50	L	JD hi-clearance sprayer		Under 500 acres
4	MD90	4.50	L	JD 4700 hi-clearance sprayer with 90' boom and 750 gallon tank		5-10 gallons water/acre
4	MD90	5.50	L	FW Air Tractor 402 aircraft		1-3 gallons water/acre
4	MD92		G	PT Valmar	$1.00/ac	With purchase of product
4	MD92	3.25	G	Truck mounted Tyler spin spreader applicator		Dual application; with fertilizer
4	MD92	4.25	G	Ag-Chem Terrigator floater		With fertilizer pre-mixed and applied in a single application
4	MD92	4.95	G	Ag-Chem Terrigator floater		Single or dual application; with fertilizer
4	MD92	4.95	G	Ag-Chem or Tyler floaters with 60' boom		Dual application; with fertilizer
4	MD92	4.00	L	Tyler Patriot hi-clearance sprayer		5-10 gallons water/acre
4	MD92	4.25-4.50	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
4	MD92	4.25	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
4	MD92	4.50	L	Ag-Chem Rogator hi-clearance sprayer with 80-90' boom		5-10 gallons water/acre
4	MD92	4.50-5.00	L	Ag-chem Rogator hi-clearance sprayer		Over 10 gallons water/acre
4	MD92	4.50	L	Ag-Chem Rogator hi-clearance sprayer		5-10 gallons water/acre
4	MD92	4.50	L	Tyler Patriot hi-clearance sprayer		5-10 gallons water/acre

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
4	MD92	5.00	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
4	MD92	5.00	L	MF 3545 145hp tractor, Bourgault 105 sprayer with 1250 gallon tank		10 gallons water/acre
4	MD92	5.00	L	Tyler Patriot hi-clearance sprayer		20 gallons water/acre
4	MD92	5.00	L	FW Piper Brave or Cessna Ag Truck		1 gallon water/acre; herbicide, fungicide or pesticide
4	MD94	5.00	L	Tractor, Versatile 68' boom sprayer		5-10 gallons water/acre
4	Parkland	4.50	G	Terrigator floater		Dual application; with fertilizer
4	Parkland	4.50	G	Case-IH Titan floater		With fertilizer pre-mixed and applied in a single application
4	Parkland	4.00	L	Tractor, PT field sprayer		5-10 gallons water/acre
4	Parkland	4.50	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
4	Parkland	4.50	L	Spray Coup 4640 hi-clearance sprayer		5-10 gallons water/acre
4	Parkland	5.00	L	FW Piper Pawnee or Piper Brave aircraft		1 gallon water/acre
4	Parkland	5.00	L	Spray Coup 4640 hi-clearance sprayer		20 gallons water/acre
4	Parkland	5.00	L	FW Piper Brave sprays 55' swath		0-2 gallons water/acre
4	Parkland	5.50	L	FW Piper Pawnee or Piper Brave aircraft		2 gallons water/acre
4	Parkland	5.50	L	FW Piper Brave sprays 55' swath		Over 2 gallons water/acre
4	Parkland	6.00	L	FW Piper Pawnee or Piper Brave aircraft		3 gallons water/acre
4	Strathcona	4.00	G	Valmar air spreader floater		Single application
4	Strathcona	4.00-4.50	G	Valmar air spreader floater		Dual application; with fertilizer

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Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
4	Strathcona	2.75*	L	Tractor, PT Brant sprayer with 70' boom		*Good neighbor rate; 8.5 gallons water/acre
4	Strathcona	4.25	L	Ag-Chem Rogator hi-clearance sprayer		5-10 gallons water/acre
4	Strathcona	4.25	L	John Deere 4700 hi-clearance sprayer with 90' boom		5-10 gallons water/acre
4	Strathcona	4.25	L	Spray Coup 3640 sprayer with 60 boom		5 gallons water/acre
4	7		G	PT Valmar	$1.00/ac	With purchase of product
4	7	3.25	G	Truck mounted Tyler spin spreader applicator		Dual application; with fertilizer
4	7	4.95	G	Ag-Chem or Tyler floaters with 60' boom		Dual application; with fertilizer
4	7	4.50	L	Ag-Chem Rogator hi-clearance sprayer with 80-90' boom		5-10 gallons water/acre
4	10	4.50	G	Ag-Chem Terrigator floater		Dual application; with fertilizer
4	10	4.50	G	Case-IH Airboom floater with 60' boom		
4	10	4.75	G	Ag-Chem Terrigator floater with 60' boom		Dual application; with fertilizer; Gator truck included for hauling product to field
4	10	4.00	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
4	10	4.00	L	Tyler Patriot 150 hi-clearance sprayer		5 gallons water/acre
4	10	4.50	L	Tyler Patriot 150 hi-clearance sprayer		10 gallons water/acre
4	10	4.50	L	Spray Coup or Tyler Patriot hi-clearance sprayer		5-10 gallons water/acre
4	10	5.50	L	Spray Coup hi-clearance sprayer		1-5 gallons water/acre
4	10	5.50	L	FW Air Tractor aircraft		1-5 gallons water/acre
4	11		G	PT Valmar air spreader with 45' boom	$1.00/ac	With purchase of product

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
4	11	4.50	G	Terrigator floater		Dual application; with fertilizer
4	11	4.75	G	Terrigator 8103 floater		Dual application; with fertilizer
4	11	4.50	L	Ag-Chem or Patriot hi-clearance sprayer		5-10 gallons water/acre
4	11	4.50-4.95	L	Rogator 854 or Patriot XL hi-clearance sprayers		10 gallons water; over 100 acres; price negotiable - no less than 4.50/ac
4	11	4.75	L	Ag-Chem or Patriot hi-clearance sprayer		20 gallons water/acre
4	11	4.95	L	Rogator 854 or Patriot XL hi-clearance sprayers		10 gallons water/acre; 50 - 100 acres
4	11	5.00	L	MF 3545 145hp tractor, Bourgault 105 sprayer with 1250 gallon tank		10 gallons water/acre
4	11	6.00	L	Rogator 854 or Patriot XL hi-clearance sprayers		10 gallons water; under 50 acres
4	12		G	PT Valmar	$1.00/ac	With purchase of product
4	12	3.25	G	Truck mounted Tyler spin spreader applicator		Dual application; with fertilizer
4	12	4.25	G	Ag-Chem Terrigator floater		With fertilizer pre-mixed and applied in a single application
4	12	4.95	G	Ag-Chem or Tyler floaters with 60' boom		Dual application; with fertilizer
4	12	7.00	G,A	Tractor, chisel plow with cold flow kit with Valmar box		Dual application; with fertilizer
4	12	9.50	G,A	Tractor, chisel plow with cold flow kit, Valmar box and rotary harrows & packer bar		Dual application; with fertilizer
4	12	4.50	L	Ag-Chem Rogator hi-clearance sprayer with 80-90' boom		5-10 gallons water/acre
4	12	4.50	L	Ag-Chem Rogator hi-clearance sprayer		5-10 gallons water/acre
4	25		G	PT Valmar	$1.00/ac	With purchase of product

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HERBICIDE APPLICATION 2000

Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
4	25	4.50	G	Terrigator floater		Dual application; with fertilizer
4	25	4.50	G	Case-IH Airboom floater with 60' boom		
4	25	4.00	L	Tractor, ground sprayer with 68' boom		5-10 gallons water/acre
4	25	4.00	L	Tyler Patriot 150 hi-clearance sprayer		5 gallons water/acre
4	25	4.50	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
4	25	4.50	L	Tyler Patriot 150 hi-clearance sprayer		10 gallons water/acre
4	25	4.50	L	Spray Coup or Tyler Patriot hi-clearance sprayer		5-10 gallons water/acre
4	25	$85/hr	L	TM sprayer with 40' boom		Pasture spraying only
5	MD16	4.00	L	JD 4700 hi-clearance sprayer		5-10 gallons water/acre
5	MD16	4.00	L	JD 4700 hi-clearance sprayer		5-10 gallons water/acre
5	MD16	4.25	L	Tyler Patriot hi-clearance sprayer with 75' boom		5 gallons water/acre
5	MD16	5.00	L	FW Cessna 188 or Air Tractor 401 aircraft		1 gallon water/acre
5	MD16	5.25	L	Tyler Patriot hi-clearance sprayer with 75' boom		Insecticides; 5-10 gallons water/acre
5	MD16	5.50	L	FW Cessna 188 or Air Tractor 401 aircraft		2 gallons water/acre
5	MD19		G	PT Valmar with 40' boom and disc markers	$50/day	With purchase of product; volume discounts available
5	MD19	4.50	G	Lor-al floater with 60' boom		Dual application; with fertilizer
5	MD19	3.00	L	Case 2590 180hp tractor, Computer Spray with 60' boom		5 gallons water/acre
5	MD19	3.50-4.00	L	SP Computer Spray with 60' boom		5 gallons water/acre
5	MD19	4.00	L	Rogator 854 hi-clearance sprayer with 90' boom		5 gallons water/acre

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Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
5	MD20	4.00	L	Rogator 854 hi-clearance sprayer with 90' boom		5 gallons water/acre
5	MD20	4.00	L	Willmar Airtrack hi-clearance sprayer with 75' boom		5-10 gallons water/acre
5	MD20	4.00	L	Willmar Airtrack hi-clearance sprayer with 75' boom		0-10 gallons water/acre
5	MD21	2.50-3.00	L	Truck 5th wheel mounted 80' boom spray		5 gallons water/acre
5	MD21	4.00	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
5	MD21	5.00	L	Ag-chem Rogator hi-clearance sprayer		20 gallons water/acre
5	MD124		G	PT Valmar	$1.00/ac	With purchase of product
5	MD124	3.25	G	Truck mounted Tyler spin spreader applicator		Dual application; with fertilizer
5	MD124	4.95	G	Ag-Chem or Tyler floaters with 60' boom		Dual application; with fertilizer
5	MD124	4.50	L	Ag-Chem Rogator hi-clearance sprayer with 80-90' boom		5-10 gallons water/acre
5	MD130		G	PT Valmar with 40' boom and disc markers	$50/day	With purchase of product; volume discounts available
5	MD130	4.50	G	Lor-al floater with 60' boom		Dual application; with fertilizer
5	MD130	4.00	L	FW Grumann Ag Cat aircraft		1 gallon water/acre
5	MD130	4.75	L	FW Grumann Ag Cat aircraft		2 gallons water/acre
5	MD130	5.00	L	FW Grumann Ag Cat aircraft		3 gallons water/acre
5	MD131		G	PT Valmar with 40' boom and disc markers	$50/day	With purchase of product; volume discounts available

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Region	County	Custom Cost ($/ac)	Form of Product	Type of Applicator	Rental Cost	Notes
5	MD131	4.50	G	Lor-al floater with 60' boom		Dual application; with fertilizer
5	MD131	4.00	L	Tyler Patriot hi-clearance sprayer		5-10 gallons water/acre
5	MD133		G	PT Valmar	$1.50/ac	With purchase of product
5	MD133	4.00	L	Ag-chem Rogator hi-clearance sprayer		5 gallons water/acre
5	MD133	4.00	L	Rogator 854 hi-clearance sprayer with 90' boom		5 gallons water/acre
5	MD133	4.25	L	Tyler Patriot hi-clearance sprayer with 75' boom		5 gallons water/acre
5	MD133	4.50	L	Ag-chem Rogator hi-clearance sprayer		10 gallons water/acre
5	MD133	5.25	L	Tyler Patriot hi-clearance sprayer with 75' boom		Insecticides; 5-10 gallons water/acre
5	MD135	4.00	L	Tractor, spray air with 80' boom		2-3 gallons water/acre
5	MD136	4.00	L	Ag-chem Rogator hi-clearance sprayer		5-10 gallons water/acre
5	MD136	5.00	L	Ag-chem Rogator hi-clearance sprayer		20 gallons water/acre
5	1		G	PT Valmar	$50/day	With purchase of product
5	1	4.00	G	Lor-al floater		Dual application; with fertilizer
5	1	4.00	L	Willmar hi-clearance sprayer		5-10 gallons water/acre
5	1	4.25	L	Tyler Patriot hi-clearance sprayer with 75' boom		5 gallons water/acre
5	1	5.25	L	Tyler Patriot hi-clearance sprayer with 75' boom		Insecticides; 5-10 gallons water/acre

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